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Standard Industrial Classification Manual

VOLUME I

Manufacturing Industries

EXECUTIVE OFFICE OF THE PRESIDENT
BUREAU OF THE BUDGET
1941

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EXECUTIVE OFFICE OF THE PRESIDENT
BUREAU OF THE BUDGET
Harold D. Smith, Director

Standard Industrial Classification Manual

VOLUME I

Manufacturing Industries

Prepared by
THE TECHNICAL COMMITTEE
ON INDUSTRIAL CLASSIFICATION,
DIVISION OF STATISTICAL
STANDARDS

AMENDMENTS TO VOLUME I, MANUFACTURING INDUSTRIES, OF THE STANDARD INDUSTRIAL CLASSIFICATION MANUAL

1. Delete Group 33X, Ordnance and accessories, from Major Group 33; and Industry 2892, Small arms ammunition, from Major Group 28. Organize a separate Major Group 19 as follows:

Major Group 19.--ORDNANCE AND ACCESSORIES

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments manufacturing small arms, artillery, and related equipment; ammunition; tanks and tank parts; sighting and fire-control equipment; and miscellaneous ordnance and accessories, not elsewhere classified.

Group No.	Industry No.	
191		GUNS, HOWITZERS, MORTARS, AND RELATED EQUIPMENT
	1911	Guns, howitzers, mortars, and related equipment Establishments primarily engaged in manufacturing naval, aircraft, anti-aircraft, tank, coast, and field artillery, including mortars, having a bore greater than .60 inch, and component parts. This industry includes the manufacture of gun turrets, mounts, carriages, and limbers; turret and mount parts--cast, forged, and machined. The manufacture of small arms and parts (under 20 mm, or .60 caliber and under) is classified in Group 195.
192		AMMUNITION, EXCEPT FOR SMALL ARMS
	1921	Artillery ammunition Establishments primarily engaged in manufacturing ammunition 20 mm and over (or over .60 caliber) for naval, aircraft, anti-aircraft, tank, coast, and field artillery, including component parts (cartridge cases, machined projectile forgings, fuses, boosters, etc.). The manufacture of small arms ammunition is classified in Industry 1961, and the manufacture of explosives is classified in Industry 2884.
	1922	Ammunition loading and assembly Establishments primarily engaged in the loading and assembly of ammunition 20 mm and over or over .60 caliber (bag, shell, and bomb loading plants).
	1929	Ammunition, not elsewhere classified Establishments primarily engaged in manufacturing miscellaneous ammunition, not elsewhere classified, including bombs, mines, torpedoes, grenades, depth charges, and chemical-warfare projectiles and their components. The manufacture of military pyrotechnics is classified in Industry 2897.
193		TANKS
	1931	Tanks Establishments primarily engaged in manufacturing or assembling complete tanks. The manufacture of military vehicles other than tanks is classified in Major Group 38.
	1932	Tank components Establishments primarily engaged in manufacturing components for tanks, including engines and transmissions. The assembly of tanks from components is classified in Industry 1931.
194		SIGHTING AND FIRE-CONTROL EQUIPMENT
	1941	Sighting and fire-control equipment Establishments primarily engaged in manufacturing sighting and fire-control equipment, such as bomb sights, gun data computers, percentage correctors, wind correctors, directors, and sound locators.
195		SMALL ARMS
	1951	Machine guns and machine gun mounts Establishments primarily engaged in manufacturing machine guns having a bore of 0.60 inch (caliber .60) and under, mounts, and other component parts for these machine guns. Establishments primarily engaged in manufacturing naval, aircraft, anti-aircraft, tank, coast, and field artillery, including mortars, having a bore greater than 0.60 inch (caliber .60), and component parts, are classified in Industry 1911.
	1952	Rifles, carbines, pistols, revolvers, and shotguns Establishments primarily engaged in manufacturing rifles, carbines, pistols, revolvers, shotguns, and parts.
196		SMALL ARMS AMMUNITION
	1961	Small arms ammunition Establishments primarily engaged in manufacturing ammunition for small arms having a bore of 0.60 inch (caliber .60) and under. Establishments manufacturing ammunition except for small arms are classified in Group 192, blasting and detonating caps and fuses in Industry 2884, and fireworks in Industry 2897.
199		ORDNANCE AND ACCESSORIES, NOT ELSEWHERE CLASSIFIED
	1999	Ordnance and accessories, not elsewhere classified Establishments primarily engaged in manufacturing torpedo tubes, Y-guns, and other ordnance and accessories, not elsewhere classified.

2. Change the title of Industry 3395, Screw-machine products and wood screws, to read "Screw-machine products." Accordingly, delete the words "and wood screws" in the description of the industry. Add "wood screws" to the list of products made by Industry 3391, Bolts, nuts, washers, and rivets."

3. Change the description of Industry 3512, Diesel and semi-Diesel engines, to read: "Establishments primarily engaged in manufacturing Diesel or semi-Diesel engines for stationary, marine, automotive, traction, or other use, except tank engines (Industry 1932)."

4. Change the description of Industry 3519, Internal-combustion engines, not elsewhere classified, to read: "Establishments primarily engaged in manufacturing internal-combustion engines, not elsewhere classified. Establishments manufacturing aircraft engines are classified in Industry 3722, automobile engines in Industry 3831, tank engines in Industry 1931, and Diesel and semi-Diesel engines in Industry 3512."

5. Delete Industry 3722, Aircraft parts, and insert the following three industries:

3722 Aircraft engines and engine parts

3723 Aircraft propellers and propeller parts
Establishments primarily engaged in manufacturing propellers, propeller blades, and other propeller parts for aircraft.

3729 Aircraft parts, not elsewhere classified
Establishments primarily engaged in manufacturing pontoons and other aircraft parts except engines and engine parts and propellers and propeller parts. This industry does not include the manufacture of aeronautical instruments (Group 391) or aeronautical electrical equipment (Industry 3641).

6. In Industry 3811, Motor vehicles, add "armored cars," and "universal carriers" to the list of products.

7. Add "3661 Radar equipment" to the alphabetic index.

8. In Industry 3382, Ornamental metal work, correct printer's error and make the description read: "Establishments primarily engaged in manufacturing architectural ornamental metal work of ferrous and nonferrous metals. Fabrication work done by construction contractors at the place of construction is classified in Division C, Construction."

FOREWORD

The Standard Industrial Classification Manual is intended primarily as an aid in securing uniformity and comparability in the presentation of statistical data collected by various agencies of the United States Government, State agencies, trade associations, and private research agencies.

Previous to the preparation of a standard industrial classification, the various agencies collecting industrial data used their own industrial classifications, so that a given establishment might be classified in one industry by one agency and in another by a second agency. The value of industrial data for purposes of analysis and information is increased by the use of a standard system for the classification and assembling of data collected by various agencies. For example, production information collected by one agency can be more readily compared with employment information collected by another if both agencies conform to the standard definition of the industry involved.

The classification was prepared by the Technical Committee on Industrial Classification, under the chairmanship of V. S. Kolesnikoff, assisted by a number of special committees of experts in various fields of business. The work of the Technical Committee was carried on under the general supervision of the Committee on Industrial Classification, which was sponsored in its earlier stages by the Central Statistical Board and later by the Division of Statistical Standards of the Bureau of the Budget, Executive Office of the President.

In preparing the classification, the Technical Committee has been guided by the following general principles:

(1) The classification should conform to the existing structure of American industry.

(2) The reporting units to be classified are establishments.

(3) Each establishment is to be classified according to its major activity.

(4) To be recognized as an industry, each group of establishments must have significance from the standpoint of the number of establishments, number of wage earners, volume of business, employment and pay-roll fluctuations, and other important economic features.

The classification undertakes to cover the entire field of economic activity: Agriculture, forestry, and fisheries; mining; construction; manufacturing; wholesale and retail trade; finance, insurance, and real estate; transportation, communication, and other public utilities; and services.

Volume I provides descriptions of the manufacturing industries. It also contains an alphabetic index, identifying the principal products or processes which would be reported by establishments, and a few special types of establishments, with the appropriate manufac-

turing industries. Volume II contains a similar classification for nonmanufacturing industries, with descriptions of the industries and an alphabetic index of products, establishments, and services.

The first edition of the Standard Industrial Classification Manual was released in mimeographed form in 1939. In the preparation of the present edition, certain revisions have been made on the basis of constructive criticisms and suggestions received from Federal and State agencies, trade associations, trade-unions, special research organizations, and business executives. The valuable assistance of these groups and individuals is gratefully acknowledged.

At present the Bureau of Foreign and Domestic Commerce in the Department of Commerce, Federal Trade Commission, the Board of Governors of the Federal Reserve System, the Office of Production Management, the Bureau of Labor Statistics in the Department of Labor, and a number of private research agencies use the Standard Industrial Classification. Classifications comparable to the Standard are used by the Bureau of the Census in the Department of Commerce, the Social Security Board and its affiliated State employment security offices, and the Bureau of Internal Revenue in the Treasury Department.

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Volume I

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INTRODUCTION

The Standard Industrial Classification was developed for use in connection with the collection, tabulation, and presentation of data supplied by establishments.[1] An establishment is defined as a place of business, corresponding to the definition of the Committee of Statistical Experts of the League of Nations, which defines an establishment as "the place at which the work is performed." Consideration was given by the Technical Committee to the formulation of a more specific definition, but an attempt to develop such a definition was considered inadvisable, since the concept of establishment might vary from one industry to another even in the same classification system.

The Standard Industrial Classification provides for grouping industrial activities into 9 major divisions. These divisions are divided into 91 major groups (two-digit code); the 91 major groups are subdivided into 519 groups of closely related industries (three-digit code); and these groups are further subdivided into 1530 industries (four-digit code).

The construction of the Standard Industrial Classification makes it possible to classify establishments by industry on either a two-digit, a three-digit, or a four-digit basis, according to the degree of detail in information which may be needed. Supplementary codes, using additional digits, are provided for some phases of industry for which more detailed information might be desired.

The construction of the classification also permits an agency to use additional subdivisions in adapting this classification for its use, while still retaining comparability with the classifications used by other agencies. Furthermore, comparability with the Standard Industrial Classification may be maintained on a two-digit basis by combining groups or industries within a major group; similarly, comparability may be maintained on a three-digit basis by combining industries within a three-digit group.

Some agencies may wish to use the numbering system of the Standard Industrial Classification, but other agencies will, no doubt, find it more convenient to adapt their present numbering system to this classification.

The zero digit has not been used as the third or fourth digit. Agencies may use the zero digit, in intraoffice practice, as explained in the following paragraphs.

Agencies which use the three-digit code may use a zero as the third digit of the code number for coding reports for which available information is inadequate for proper allocation to a specific three-digit

[1] A standard classification for use in tabulating data on an ownership basis is in preparation by the Committee on Ownership Classification, sponsored by the Division of Statistical Standards. The Standard Industrial Classification was also used in preparing the *Convertibility List of Occupations and Industrial Classification for Reports From Individuals*, Division of Statistical Standards, October 1940.

industry group. For example, Major Group 22, Textile-Mill Products, is divided into the following groups:

221 Cotton textile mills.
222 Rayon and silk textile mills.
223 Woolen and worsted textile mills.
224 Knitting mills.
225 Dyeing and finishing textiles (except woolen and worsted).
226 Carpets, rugs, and other floor coverings.
227 Hats (except cloth and millinery).
229 Miscellaneous textile goods.

If an establishment is described as engaged in weaving textile goods, the report should be coded as "220" until further information is obtained which will make it possible to assign the establishment to the appropriate group (Group 221, 222, 223, or 229).

An agency which uses the four-digit code may use a zero in the fourth place to code reports for which the information available at the time of coding is inadequate for proper allocation to a specific four-digit industry.

In intraoffice practice, agencies may also use the zero digit to combine groups or industries if all the subdivisions provide a greater amount of detail than is necessary. Thus, if an agency using the three-digit code does not wish to use all the subdivisions within a two-digit major group, it should include in the group with zero as the third digit all the reports which would properly fall into the unused groups. For example, if an agency wishes to use only Groups 221, 224, 226, and 227, it should code establishments which would ordinarily belong in Groups 222, 223, 225, and 229 as "220," which should be called "Textile-mill products, not specified." The major group would then include:

220 Textile-mill products, not specified.
221 Cotton textile mills.
224 Knitting mills.
226 Carpets, rugs, and other floor coverings.
227 Hats (except cloth and millinery).

Likewise, if an agency using the four-digit code does not wish to use all the subdivisions within a given three-digit group, it should include in the classification with zero as the fourth digit all the reports which would properly fall in the unused subdivisions of that group.

It will be noted that number nine as the third or fourth digit has been reserved for miscellaneous groups and industries covering establishments not elsewhere classified.

SUMMARY.—List of Divisions and Major Groups

Division A. Agriculture, forestry, and fisheries:
- Major Group 01.—Commercial farms.
- Major Group 02.—Self-sufficiency farms.
- Major Group 03.—Part-time farms.
- Major Group 04.—Institutional farms.
- Major Group 05.—Farm homes.
- Major Group 06.—Farms, undetermined.
- Major Group 07.—Agricultural services.
- Major Group 08.—Forestry.
- Major Group 09.—Fisheries.

Division B. Mining:
- Major Group 10.—Metal mining.
- Major Group 11.—Anthracite mining.
- Major Group 12.—Bituminous and other soft-coal mining.
- Major Group 13.—Crude-petroleum and natural-gas production.
- Major Group 14.—Nonmetallic mining and quarrying.

Division C. Construction:
- Major Group 16.—Construction—General contractors.
- Major Group 17.—Construction—Special-trade contractors (subcontractors).

Division D. Manufacturing:
- Major Group 20.—Food and kindred products.
- Major Group 21.—Tobacco manufactures.
- Major Group 22.—Textile-mill products.
- Major Group 23.—Apparel and other finished products made from fabrics and similar materials.
- Major Group 24.—Lumber and timber basic products.
- Major Group 25.—Furniture and finished lumber products.
- Major Group 26.—Paper and allied products.
- Major Group 27.—Printing, publishing, and allied industries.
- Major Group 28.—Chemicals and allied products.
- Major Group 29.—Products of petroleum and coal.
- Major Group 30.—Rubber products.
- Major Group 31.—Leather and leather products.
- Major Group 32.—Stone, clay, and glass products.
- Major Group 33.—Iron and steel and their products.
- Major Group 34.—Nonferrous metals and their products.
- Major Group 35.—Machinery (except electrical).
- Major Group 36.—Electrical machinery.
- Major Group 37.—Transportation equipment (except automobiles).
- Major Group 38.—Automobiles and automobile equipment.
- Major Group 39.—Miscellaneous manufacturing industries.

Division E. Wholesale and retail trade:
- Major Group 40–41.—Wholesale trade—Service and limited-function wholesalers (including exporters and importers).
- Major Group 42–43.—Wholesale trade—Manufacturers' sales branches and offices.
- Major Group 44–45.—Wholesale trade—Agents and brokers.
- Major Group 46.—Wholesale trade—Petroleum bulk tank stations.
- Major Group 47.—Wholesale trade—Assemblers of farm products.
- Major Group 48.—Chain-store warehouses.
- Major Group 49.—Retail trade—Food.
- Major Group 50.—Retail trade—General merchandise.
- Major Group 51.—Retail trade—Apparel and accessories.
- Major Group 52.—Retail trade—Furniture, home furnishings, and equipment.
- Major Group 53.—Retail trade—Automotive dealers.
- Major Group 54.—Retail trade—Filling stations.
- Major Group 55.—Retail trade—Drug stores.
- Major Group 56.—Retail trade—Eating and drinking places.
- Major Group 57.—Retail trade—Hardware.
- Major Group 58.—Retail trade—Lumber and building materials and supplies.
- Major Group 59.—Retail trade—Liquor stores.
- Major Group 60.—Retail trade—Second-hand stores.
- Major Group 61.—Retail trade—Miscellaneous retail stores.

Division F. Finance, insurance, and real estate:
- Major Group 62.—Banking.
- Major Group 63.—Credit agencies other than banks—Long term.
- Major Group 64.—Credit agencies other than banks—Short term.
- Major Group 65.—Investment trusts and companies and holding and investment-holding companies.
- Major Group 66.—Security and commodity brokers, dealers, and exchanges.
- Major Group 67.—Finance, not elsewhere classified.
- Major Group 68.—Insurance carriers.
- Major Group 69.—Insurance agents, brokers, and service.
- Major Group 70.—Real estate.

Division G. Transportation, communication, and other public utilities:
- Major Group 72.—Railroads.
- Major Group 73.—Street, suburban, and interurban railways.
- Major Group 74.—Highway passenger transportation.
- Major Group 75.—Highway freight transportation.
- Major Group 76.—Water transportation.
- Major Group 77.—Air transportation.
- Major Group 78.—Pipe-line transportation.
- Major Group 79.—Warehousing and storage.
- Major Group 80.—Services incidental to transportation.
- Major Group 81.—Communication.
- Major Group 82.—Heat, light, and power.
- Major Group 83.—Water and sanitary services.

Division H. Services:
- Major Group 84.—Hotels, rooming houses, camps, and other lodging places.
- Major Group 85.—Personal services.
- Major Group 86.—Domestic service.
- Major Group 87.—Business services.
- Major Group 88.—Automobile repair services and garages.
- Major Group 89.—Miscellaneous repair services and hand trades.
- Major Group 90.—Motion pictures.
- Major Group 91.—Amusement and recreation services except motion pictures.
- Major Group 92.—Medical and other health services.
- Major Group 93.—Legal services.
- Major Group 94.—Professional services, not elsewhere classified.
- Major Group 95.—Educational services.
- Major Group 96.—Nonprofit membership organizations.

Division I. Government:
- Major Group 97.—Government.

Major Group 99.—Nonclassifiable establishments.

PART I

CLASSIFIED LIST OF MANUFACTURING INDUSTRIES

MANUFACTURING INDUSTRIES

The Division as a Whole

The manufacturing division includes those establishments engaged in the mechanical or chemical transformation of inorganic or organic substances into new products and usually described as plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment. Establishments engaged in assembling component parts of manufactured products are also considered manufacturing if the new product is neither a structure nor other fixed improvement.

The materials processed by manufacturing establishments include products of agriculture, forestry, fishing, mining, and quarrying. The final product of a manufacturing establishment may be "finished" in the sense that it is ready for utilization or consumption, or it may be "semifinished" to become a raw material for an establishment engaged in further manufacturing. For example, the product of the copper smelter is the raw material used in electrolytic refineries; refined copper is the raw material used by copper-wire mills; and copper wire is the raw material used by certain electrical equipment manufacturers.

The materials used by manufacturing establishments may be purchased directly from producers, obtained through customary trade channels, or secured without recourse to the market by transferring the product from one establishment to another which is under the same ownership. Manufacturing production is usually carried on for the wholesale market, for interplant transfer, or to order for industrial users, rather than for direct sale to the domestic consumer.

Printing, publishing, and industries servicing the printing trades are classified as manufacturing industries.

The unit to be classified is the single establishment, which, in some cases, may be a part of a larger organization composed of several establishments. In most cases, the industry assignment is determined on the basis of the principal product made in the establishment, but in a number of instances other criteria are used. For example, in the case of textile mills and textile-finishing plants a range of manufacturing operations serves as a base for classification.

Supplementary codes are provided for further classification of establishments in terms of type of operation. Thus, in the case of dress manufacturers, a code is provided, using the fifth digit, for distinguishing contract dress manufacturers from jobbers and inside factories.

Auxiliary units, such as power plants, laboratories, repair shops, garages, or warehouses, operated by a manufacturing establishment for its own use, are classified according to the primary activity of the manufacturing establishment. Central and district administrative offices are included with the manufacturing establishment when they are not primarily wholesale outlets.

There are borderline cases between the manufacturing division and the other divisions in the classification system. Specific instances will be found in the descriptions of the individual industries. A few of the more important examples are:

Agriculture, Forestry, and Fisheries

Processing on farms is not considered manufacturing if the raw materials are grown on the farm and if the manufacturing activities are on a small scale without the extensive use of paid labor. Other exclusions are custom grist milling, threshing, and cotton ginning.

Mining

The dressing and beneficiating of ores, and the breaking, washing, and grading of coal are not considered manufacturing.

Construction

Fabricating operations performed at the site of construction by contractors are not considered manufacturing, but the prefabrication of sheet-metal, concrete, and terrazzo products and similar construction materials is included in the manufacturing division.

Wholesale and Retail Trade

Establishments engaged in the following types of operation are not included in the manufacturing division: assembling, grading, and preparing fruits and vegetables for the market; pasteurizing and bottling milk; shelling and roasting nuts; cleaning, shucking, and packing fresh clams, oysters, and similar seafoods. Retail stores producing some or all of the products sold on the premises are not included in the manufacturing division.

Transportation, Communication, and Other Public Utilities

Railroad repair shops rebuilding and repairing locomotives and cars are not included in the manufacturing division. while shops building new locomotives and cars are included.

Services

In addition to certain of the service industries previously mentioned, a number of other repair trades, hand trades, and custom industries are not included in the manufacturing division. Examples of such establishments are power laundries; automobile, electrical, radio, jewelry, watch, furniture, upholstery, shoe, and clothing repair shops; and blacksmith shops.

Major Group 20.—FOOD AND KINDRED PRODUCTS

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments manufacturing foods and beverages for human consumption, and certain related products such as artificial ice, chewing gum, and prepared feeds for animals and fowls.

Group No. Industry No.

201 MEAT PRODUCTS.

2011 Meat packing, wholesale.
Establishments primarily engaged in the slaughtering, for their own account, of cattle, hogs, sheep, lambs, calves, and other animals, for meat to be sold fresh or to be used on the same premises as the raw material in canning and curing, and in making sausage, lard, and other products. Packing houses which do no slaughtering but purchase whole carcasses are included in this industry. Important products classified in this industry are fresh meat (beef, veal, mutton, lamb, and pork); cured beef and pork; canned beef, pork, and other meat goods; sausage; and lard. This industry does not include establishments slaughtering animals on a contract basis for the trade (Industry 2012); establishments manufacturing sausages and meat specialties from meats not produced in the same establishment (Industry 2013); or establishments dressing and canning poultry, rabbits, and other small game (Industry 2015).

2012 Custom slaughtering, wholesale.
Establishments primarily engaged in slaughtering cattle, hogs, sheep, lambs, calves, and other animals on a contract basis for the trade. Hides and other byproducts may be retained in partial payment for this service, and may therefore be reported as the principal products of such establishments.

2013 Sausages and other prepared meat products.
Establishments primarily engaged in manufacturing sausages, prepared meats, and meat specialties, but performing no slaughtering operations on the premises. Sausage or meat kitchens operated by packing houses but not located on the same premises are included in this industry. Important products classified in this industry are fresh sausage (frankfurters, bologna, pork sausage, meat loaves, meat puddings, headcheese, and scrapple); dry sausage; canned sausage; bacon; and canned meats. This industry does not include establishments dressing and canning poultry, rabbits, and other small game (Industry 2015).

2014 Sausage casings.
Establishments primarily engaged in manufacturing sausage casings from animal or synthetic materials.

2015 Poultry dressing and packing, wholesale.
Establishments primarily engaged in dressing, packing, and canning poultry, rabbits, and other small game for the trade. Important products classified in this industry are dressed and packed poultry (chickens, turkeys, ducks, and geese); canned poultry (whole and parts); potted and deviled chicken; chicken soup; dressed rabbits; and dressed hares.

202 DAIRY PRODUCTS.

2021 Creamery butter.
Establishments primarily engaged in manufacturing creamery butter. This industry does not include milk and cream purchasing stations, classified in Division E, Wholesale and Retail Trade; the production of butter on farms, classified in Division A, Agriculture, Forestry, and Fisheries; or establishments manufacturing processed and ladle butter, classified in Industry 2025.

2022 Cheese.
Establishments primarily engaged in manufacturing all types of natural cheese, which may produce processed cheese on the same premises. This industry does not include establishments manufacturing processed cheese made from natural cheese not produced in the same establishment (Industry 2025).

2023 Condensed and evaporated milk.
Establishments primarily engaged in manufacturing condensed and evaporated milk, and related products, such as sweetened condensed milk (case and bulk goods); unsweetend condensed and evaporated milk; condensed and evaporated buttermilk: dried and powdered skim milk, whole milk, whey, and buttermilk; and ice-cream and ice-milk mix made for sale as such.

2024 Ice cream and ices.
Establishments primarily engaged in manufacturing frozen desserts such as ice cream, ice-cream specialties, custards, and sherbets, made of milk, cream, fruit juices, and flavoring extracts.

2025 Special dairy products.
Establishments primarily engaged in manufacturing processed and ladle butter, processed cheese, cheese pastes and spreads, malted milk, and fermented milk. This industry does not include establishments manufacturing creamery butter (Industry 2021), natural cheese (Industry 2022), or dried or powdered milk (Industry 2023).

Group No. Industry No.

203 **CANNING AND PRESERVING FRUITS, VEGETABLES, AND SEA FOODS.**

2031 **Canned fish, crustacea, and mollusks.**
Establishments primarily engaged in cooking and canning fish, shrimps, oysters, clams, crabs, and other sea foods. Shucking and packing of fresh oysters in nonsealed containers is not considered a manufacturing industry and is classified in Industry 4055.

2032 **Cured fish.**
Establishments primarily engaged in smoking, salting, drying, or otherwise curing fish for the trade. Important products classified in this industry are smoked cod and related species, haddock (finnan haddie), herring, and salmon; and pickled or salted cod and related species (including boneless), mackerel, herring, and salmon.

2033 **Canned and dried fruits, vegetables, and soups.**
Establishments primarily engaged in canning and drying fruits and vegetables, and canning fruit and vegetable juices, including the canning of soups. Important products classified in this industry are canned vegetables (including canned baked beans with pork or sauce; tomato juice; and tomato cocktail); canned spaghetti; canned soups (except chicken soup—Industry 2015; and clam broth, bouillon, juice, and chowder—Industry 2031); canned fruits (including fruit salad and fruit cocktail); fruit juices (canned, bottled, and in bulk); dried fruits; and dried and dehydrated vegetables.

2034 **Preserves, jams, and jellies.**
Establishments primarily engaged in manufacturing preserves, jams, jellies, fruit butters, and maraschino cherries.

2035 **Pickled fruits and vegetables; vegetable sauces and seasonings.**
Establishments primarily engaged in manufacturing pickled fruits and vegetables, and vegetable relishes, sauces, and seasonings. Important products classified in this industry are pickles; ketchup (canned, bottled, and in bulk); prepared horseradish; sauerkraut in bulk; prepared mustard; and tomato chili sauce and other sauces. This industry does not include establishments engaged in the grinding of spices (Industry 2099).

2036 **Salad dressings.**
Establishments primariiy engaged in manufacturing cooked salad dressing and raw salad dressings such as French, Thousand-Island, and Russian.

2037 **Quick-frozen foods.**
Establishments primarily engaged in quick-freezing fruits, vegetables, and other foods for ultimate delivery in a frozen state to the consumer.

204 **GRAIN-MILL PRODUCTS.**

2041 **Flour and other grain-mill products.**
Establishments primarily engaged in milling flour or meal from grain, except rice (Industry 2044). Such flour and grain mills may also produce cracked grain used as cereal or stock dry feed, or blended and prepared flours, principally from products ground in the same establishment. Important products classified in this industry are wheat flour (white; semolina; graham; whole-wheat—blended, phosphated, enriched, self-rising, and other prepared flour); rye, buckwheat, corn, and other flour; corn meal; corn grits and flakes for brewers' use; bran and middlings; and stock dry feed.

2042 **Prepared feeds for animals and fowls.**
Establishments primarily engaged in manufacturing prepared feeds for animals and fowls. Prepared feeds include those made chiefly from milled grain mixed with molasses and other materials, and those made of other ingredients such as ground oyster shells, alfalfa, and bonemeal. This industry does not include mills cracking grain and preparing stock dry feeds (Industry 2041).

2043 **Cereal preparations.**
Establishments primarily engaged in manufacturing, from grain, breakfast foods, coffee substitutes and other cereal preparations, except cracked grain (Industry 2041).

2044 **Rice cleaning and polishing.**
Establishments primarily engaged in cleaning and polishing rice, and in manufacturing rice flour or meal. Important products classified in this industry are brown rice, milled rice (including polished rice), rice polish, rice bran, and rice flour.

2045 **Blended and prepared flour.**
Establishments primarily engaged in the preparation of self-rising or blended flour from flour not produced in the same establishment. Important products classified in this industry are plain blended flour, and phosphated, self-rising, and other kinds of prepared flour such as biscuit, cake, doughtnut, and pancake flour. This industry does not include establishments grinding flour from grain (Industry 2041).

205 **BAKERY PRODUCTS.**

2051 **Bread and other bakery products (except biscuit, crackers, and pretzels).**
Establishments primarily engaged in manufacturing bread, cakes, hand-made cookies, doughnuts. pies, pastries, and similar "perishable" bakery products. This industry does not include establishments producing "dry" bakery products such as biscuit, crackers, and pretzels (Industry 2052).

2052 **Biscuit, crackers, and pretzels.**
Establishments primarily engaged in manufacturing biscuit (except raised biscuit), crackers, sponge goods, sweet goods, machine-made cookies, pretzels, and similar "dry" bakery products packed in containers so as to retain their palatability for an indefinite period. This industry does not include establishments producing "perishable" bakery products (Industry 2051).

Group No. Industry No.

206 **SUGAR.**

2061 **Cane sugar (except refineries).**
Establishments primarily engaged in manufacturing raw sugar, sirup, or finished (granulated or clarified) cane sugar from sugarcane. This industry does not include establishments engaged in refining sugar from sirup or raw sugar not produced in the same establishment (Industry 2062).

2062 **Cane-sugar refining.**
Establishments primarily engaged in refining cane sugar and processing sugar sirup not produced in the same establishment.

2063 **Beet sugar.**
Establishments primarily engaged in manufacturing sugar from sugar beets.

207 **CONFECTIONERY AND RELATED PRODUCTS.**

2071 **Candy and other confectionery products.**
Establishments primarily engaged in manufacturing candy and other confections such as chocolate candies (fancy package, bulk, or count), chocolate-covered bars, marshmallows, lozenges, fudge, candied and crystallized fruits, candy-covered nuts, salted nuts, stuffed dates, popcorn balls, and related products. This industry does not include establishments manufacturing solid chocolate bars (Industry 2072) or chewing gum (Industry 2073).

2072 **Chocolate and cocoa products.**
Establishments primarily engaged in manufacturing chocolate and cocoa butter from cacao beans, and in the further manufacture of cocoa, solid chocolate bars, and chocolate coatings. Important products classified in this industry are chocolate (unsweetened, sweet, and milk); chocolate coatings (sweet, milk, and liquor); powdered cocoa (unsweetened, sweetened, or mixed with other substances; cocoa butter; and chocolate sirups. This industry does not include establishments manufacturing chocolate candies (fancy package, bulk, or count)—Industry 2071.

2073 **Chewing gum.**

208 **BEVERAGE INDUSTRIES.**

2081 **Nonalcoholic beverages.**
Establishments primarily engaged in manufacturing nonalcoholic beverages, whether carbonated or not, and carbonated mineral waters. The bottling of natural spring waters is not considered a manufacturing industry and is classified in Division E, Wholesale and Retail Trade. This industry does not include establishments manufacturing fruit and vegetable juices (Industry 2033), fruit sirups for flavoring (Industry 2095), or cider (Industry 2096).

2082 **Malt liquors.**
Establishments primarily engaved in manufacturing all kinds of malt liquors, such as ale, beer, porter, stout, and malt extract. The bottling of malt liquors brewed by others is not considered a manufacturing industry and is classified in Division E, Wholesale and Retail Trade.

2083 **Malt.**
Establishments primarily engaged in manufacturing malt from barley or other grains.

2084 **Wines.**
Establishments primarily engaged in producing wines, both dry and sweet. Establishments primarily bottling wines produced, blended, or processed by others are classified in Division E, Wholesale and Retail Trade.

2085 **Distilled, rectified, and blended liquors.**
Establishments primarily engaged in producing alcoholic liquors by distillation, rectification, and blending processes, and making cordials and alcoholic cocktails by mixing liquors and other ingredients. Important products classified in this industry are rye and bourbon whisky, brandy, rum, gin, cordials, and liqueurs. Establishments primarily bottling liquors distilled or rectified by others are classified in Division E, Wholesale and Retail Trade. This industry does not include establishments producing industrial alcohol (Industry 2889).

209 **MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS.**

2091 **Baking powder, yeast, and other leavening compounds.**

2092 **Cooking and other edible fats and oils, not elsewhere classified.**
compound shortenings, vegetable cooking oils, salad oils, and other refined table oils by further processing of animal and vegetable oils produced elsewhere. This industry does not include establishments producing oleomargarine (Industry 2093), corn oil (Industry 2094), or cottonseed, linseed, soybean, marine, and other animal and vegetable oils (Group 282).

2093 **Oleomargarine.**
Establishments primarily engaged in manufacturing oleomargarine, margarine, nut margarine, etc. This industry does not include meat-packing establishments which also produce oleomargarine (Industry 2011).

2094 **Corn sirup, corn sugar, corn oil, and starch.**
Establishments primarily engaged in manufacturing sirup, sugar, oil, and starch from corn. This industry also includes the manufacture of potato, rice, root, wheat, and other starches.

Group No.	Industry No.	
209		**MISCELLANEOUS FOOD PREPARATIONS, ETC.**—Continued
	2095	**Flavoring extracts and flavoring sirups, not elsewhere classified.** Establishments primarily engaged in manufacturing flavoring extracts, sirups, and fruit juices for soda-fountain use or for the manufacture of soft drinks, and colors for bakers' and confectioners' use. Important products classified in this industry are flavoring extracts; flavoring concentrates; flavoring powders and pastes; burnt-sugar and other food colors; flavoring sirups; and fruit juices (except grape) and crushed fruit for fountain use.
	2096	**Vinegar and cider.** Establishments primarily engaged in manufacturing vinegar and cider in factories, not including small custom mills or those located on farms.
	2097	**Manufactured ice.** Establishments primarily engaged in manufacturing ice for sale. The harvesting and storage of natural ice are classified in Division E, Wholesale and Retail Trade, and the manufacture of dry ice in Industry 2886.
	2098	**Macaroni, spaghetti, vermicelli, and noodles.** Establishments primarily engaged in manufacturing macaroni, spaghetti, vermicelli, and noodles.
	2099	**Food preparations, not elsewhere classified.** Establishments primarily engaged in manufacturing prepared foods and miscellaneous food specialties not elsewhere classified, such as baked beans (not canned); bakers', confectioners', and household supplies (including chili pepper and powder, desiccated and shredded coconut, marshmallow crème, pie and cake fillings, and powdered sugar); bouillon cubes; brown bread (canned, Boston, and other); instant chocolate and cocoa; ready-to-mix desserts; egg albumen; eggs (dehydrated, desiccated, processed, canned, and frozen); "health foods"; ice-cream cones and wafers; Italian, Spanish, Mexican, and Chinese cakes and other "native" preparations; meat pies; meat seasoning; mincemeat; molasses (mixed or blended); peanut products (except peanut candy and salted peanuts); pectin; potato chips; ravioli; sandwich spread (except cheese and peanut butter); spices; and sweetening sirups (including honey, maple sirup, and sorghum). Establishments primarily engaged in roasting coffee are included in this industry, but coffee roasting done by wholesale grocers is classified in Division E, Wholesale and Retail Trade.

Major Group 21.—TOBACCO MANUFACTURES

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco and snuff. Tobacco stemming performed in establishments operated by tobacco manufacturers is classified in this major group. The manufacture of insecticides from tobacco byproducts is classified in Major Group 28.

Group No.	Industry No.	
211		**CIGARETTES.**
	2111	**Cigarettes.**
212		**CIGARS.**
	2121	**Cigars.**
213		**TOBACCO (CHEWING AND SMOKING) AND SNUFF.**
	2131	**Tobacco (chewing and smoking) and snuff.**
214		**TOBACCO STEMMING.**
	2141	**Tobacco stemming.** Establishments operated by tobacco manufacturers and primarily engaged in stemming tobacco. This industry does not include leaf-tobacco agents and brokers who may also stem tobacco (Division E, Wholesale and Retail Trade) and leaf-tobacco warehouses in which tobacco may be stemmed (Industry 7911).

Major Group 22.—TEXTILE-MILL PRODUCTS

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in performing any of the following operations, regardless of the type of fiber used: (1) Manufacturing yarn, thread, cordage, and twine; (2) manufacturing woven cloth, carpets and rugs, braids, laces, knit cloth, knit garments, and other products from finished or unfinished yarn; (3) dyeing and finishing fibers, yarn, and cloth; and (4) coating, waterproofing, and otherwise treating fabrics. The rubberizing of fabrics is classified in Major Group 30.

Group No. Industry No.

221 COTTON TEXTILE MILLS.

2211 Cotton broad woven goods.
Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or in chief value of cotton. Important products classified in this industry are (1) duck: Numbered duck (heavy naught duck, including paper-felt dryer canvas; and sail duck, narrow or wide); army duck; hose and belting duck; flat duck; and filter twills; (2) tire fabrics; (3) narrow sheetings and allied coarse-yarn and medium-yarn cloths; sheetings; osnaburgs; drills; jeans; four-leaf twills; heavy warp sateens; and bird's-eye diaper cloth; (4) wide fabrics (over 40 inches): Sheetings; drills; twills; warp sateens; and pillow tubing; (5) print-cloth-yarn fabrics: Plain and fancy print cloth; carded broadcloth; pajama checks; tobacco and cheese cloth; gauze; three-leaf twill; and carded-filling sateens; (6) fine goods: Combed or part-combed lawns, voiles, marquisettes, dimities, piqués, pongees, sateens, twills, poplins, oxfords, broadcloth, and shirtings; mixtures with cotton warp and rayon or other synthetic fiber or silk filling; and fine carded goods (of finer than print-cloth yarn); (7) napped fabrics: Outing, inter-lining, and canton flannels; moleskin; duvetyn; all-cotton blankets and blanketings; and part-wool (less than 25 percent, by weight, of wool) blankets and blanketings; (8) colored-yarn fabrics: Denims; pin stripes, pin checks, and hickory stripes; bed ticking; cheviots; chambrays, plaids, and ginghams; shirting coverts; cottonades; and seersuckers and other suitings woven with colored yarn; (9) towels, towelings, washcloths, and bath mats; and terry-woven fabrics; and (10) all other cotton fabrics: Bedspread fabrics; pile fabrics (plushes, velvets, velveteens, corduroys); tapestries; table damask; and drapery and upholstery fabrics.

2212 Cotton smallwares.
Establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width, wholly of cotton or with the warp predominantly of cotton yarn or cotton-covered elastic yarn, or in manufacturing cords more nearly related to industries here covered than to cordage and twine. Important products classified in this industry are cotton belting woven with fast edges (for wear on the person); woven tapes and bindings; woven labels; elastic and nonelastic webbing, woven or braided; elastic cord; cotton-covered rubber yarns and threads; and shoe and corset laces.

2213 Cotton yarn.
Establishments primarily engaged in spinning, twisting, winding, or spooling cotton yarn for sale as such. Important products classified in this industry are carded-cotton, combed-cotton, and part-cotton yarn spun on cotton spindles (weaving, carpet, machine-knitting, sewing-thread, crochet, darning, embroidery and hand-knitting yarn).

2214 Cotton thread.
Establishments primarily engaged in spinning, twisting, and manufacturing cotton sewing thread, or crochet, darning, hand-knitting, and embroidery cottons for sale as such.

222 RAYON AND SILK TEXTILE MILLS.

2221 Rayon and silk broad woven goods.
Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly of rayon or silk yarn or with the warp predominantly of rayon or silk yarn. Important products classified in this industry are dress goods, suitings, linings, underwear and novelty fabrics; necktie fabrics; upholsteries, tapestries, and draperies; bedspread fabrics; marquisettes; velvets; and plushes. These fabrics may be made of (1) all-rayon (filament rayon and spun rayon); (2) rayon mixtures (having a warp primarily by weight of filament-rayon, all-spun-rayon, or blended spun-rayon yarn and a filling of fiber other than rayon); (3) all silk; or (4) silk mixtures (having a silk warp or warp primarily silk by weight and a filling of fiber other than silk).

Group No. Industry No.

222 **RAYON AND SILK TEXTILE MILLS**—Continued

2222 **Rayon and silk smallwares.**
Establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width, wholly or in chief value of silk or rayon yarn or in making narrow elastic woven or braided webbing or elastic cords of which rayon or silk is the predominant textile material. Important products classified in this industry are rayon and silk ribbons, braids, woven labels, fringes, and gimps, hat bands, bindings, and rayon-covered or silk-covered rubber yarns and thread.

2223 **Rayon and silk yarn and thread.**[1]
Establishments primarily engaged in throwing, twisting, or spinning rayon, silk, or nylon yarn or in manufacturing silk and rayon thread. Important products classified in this industry are weaving and machine-knitting spun-rayon yarn, spun on cotton spindles; yarn spun on silk spindles; weaving and machine-knitting yarn thrown on silk or rayon spindles; rayon and silk sewing, crochet, darning, embroidery and hand-knitting yarn and thread for use in the home; and rayon and silk sewing thread for manufacturers' use.

223 **WOOLEN AND WORSTED TEXTILE MILLS.**

2231 **Woolen and worsted woven goods.**
Establishments primarily engaged in weaving fabrics and related products, other than carpets and rugs (Group 226), wholly or in part from yarn spun on woolen or worsted spindles. This industry also includes mills primarily engaged in manufacturing woven felt and haircloth. Important products classified in this industry are apparel fabrics (suitings, trouserings, coatings overcoatings, dress fabrics, bathrobe flannels, shirtings, snow-suit and ski-suit cloth, undercollar cloth linings and interlinings); nonapparel fabrics (auto and other upholstery and drapery cloth, and billiard cloth); blankets and blanketings (not less than 25 percent wool or similar animal fibers); automobile robes and steamer rugs; and woven felts.

2232 **Woolen and worsted yarn.**
Establishments primarily engaged in spinning yarn on woolen or worsted spindles and twisting, winding, or beaming this yarn for sale as such. The manufacture of carpet or rug yarn is included in Industry 2261, and the spinning, twisting, winding, and beaming of yarn in woolen or worsted textile mills in Industry 2231.

2233 **Wool scouring.**
Establishments primarily engaged in scouring or carbonizing wool. Wool scouring carried on in woolen textile mills is included in Industry 2231.

2234 **Wool combing.**
Establishments primarily engaged in combing tops on worsted combs from wool, rayon, or other fibers. Wool combing carried on in woolen or worsted textile mills is included in Industry 2231.

2235 **Dyeing and finishing woolen and worsted goods.**
Establishments primarily engaged in dyeing and finishing fabrics woven wholly or in part from yarn spun on woolen or worsted spindles, or in dyeing wool, tops, or yarn spun on woolen or worsted spindles.

224 **KNITTING MILLS.**

2241 **Hosiery, full-fashioned.**
Establishments primarily engaged in knitting, dyeing, or finishing full-fashioned hosiery.

2242 **Hosiery, seamless.**
Establishments primarily engaged in knitting, dyeing, or finishing seamless (circular-knit) hosiery.

2243 **Knit fabric.**
Establishments primarily engaged in knitting tubular or flat fabric (including warp-knit mosquito netting) and in dyeing or finishing knit fabric.

2244 **Knit outerwear (except gloves and mittens).**[1]
Full-process establishments primarily engaged in the production of knit outerwear, such as sweaters, bathing suits, dresses, and headwear. Full-process establishments are those producing articles from fabric made by them, as distinct from establishments producing articles from purchased fabric. Hand knitting of outerwear for the trade is included in this industry. Establishments primarily engaged in making gloves and mittens are classified in Industry 2246 or Industry 2381, and those making knit outerwear from purchased fabric in Major Group 23.

2245 **Knit underwear.**
Full-process establishments primarily engaged in the production of knit underwear and nightwear. Full-process establishments are those producing articles from fabric made by them, as distinct from establishments producing articles from purchased fabric. Establishments primarily engaged in making knit underwear and nightwear from purchased fabric are classified in Major Group 23.

2246 **Knit gloves (seamless-fingered).**
Establishments primarily engaged in producing seamless-fingered knit gloves and mittens (including seamed gloves made to shape on glove machines) or crocheted gloves and mittens. This industry does not include establishments making gloves and mittens cut and sewed from knit fabric (Industry 2381).

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[1] A supplementary code is provided on p. 12 for classifying establishments by type of operation, i. e., "regular" and "contract" factories.

Group No. Industry No.

224 **KNITTING MILLS**—Continued

2249 **Knit goods, not elsewhere classified.**
Establishments primarily engaged in manufacturing knit goods, not elsewhere classified, such as knit curtains, washcloths, dishcloths, and towels.

225 **DYEING AND FINISHING TEXTILES (EXCEPT WOOLEN AND WORSTED).**

2251 **Dyeing and finishing cotton and linen goods.**
Establishments primarily engaged in (1) bleaching, dyeing, printing, finishing, or otherwise converting fabrics woven wholly of cotton or linen or with the warp predominantly of cotton or linen, or (2) dyeing and finishing cotton or linen yarn, thread, or raw stock, except on contract. This industry does not include establishments primarily dyeing or finishing knit goods (Group 224).

2252 **Dyeing and finishing silk and rayon woven fabrics.**
Establishments primarily engaged in (1) bleaching, dyeing, printing, finishing, or otherwise converting fabrics woven wholly of silk or rayon or with the warp predominantly of silk or rayon; or (2) dyeing and finishing silk or rayon yarn, thread, or raw stock, except on contract. This industry does not include establishments primarily dyeing or finishing knit goods (Group 224).

2253 **Dyeing and finishing cotton, rayon, silk, and linen textiles, on a contract basis.**
Establishments primarily engaged in (1) bleaching, dyeing, printing, finishing, or otherwise converting woven cotton, rayon, silk, and linen fabrics; or (2) dyeing and finishing yarn and raw stock, on a contract basis. This industry does not include establishments primarily dyeing or finishing knit goods (Group 224).

2254 **Cloth sponging and miscellaneous special finishing.**
Establishments primarily engaged in the sponging, shrinking, and waterproofing of cloth, and in miscellaneous special finishing such as waxing cloth and varnishing cambric and buckram for the trade. Establishments primarily sponging or shrinking textiles for tailors and dressmakers are classified in Industry 8799. The manufacture of rubberized fabrics is classified in Industry 3041.

226 **CARPETS, RUGS, AND OTHER FLOOR COVERINGS.**

2261 **Wool carpets, rugs, and carpet yarn.**
Establishments primarily engaged in weaving carpets and rugs wholly or in part of yarn spun on woolen or worsted spindles. This industry also includes establishments primarily engaged in spinning yarn on woolen or worsted spindles for use in carpets and rugs. Important products classified in this industry are woven wool carpets and rugs (Axminster, Wilton, plain or printed velvet, chenille, Smyrna); automobile and aircraft floor covering; and carpet yarn.

2262 **Carpets, rugs, and mats (except wool).**
Establishments primarily engaged in manufacturing door mats and mattings, floor mattings, art squares, rugs, and carpets from any fibers except wool (Industry 2261). Materials used include cotton, twisted paper, grasses, reeds, coir (cocoa fiber), sisal, jute, and rags.

2263 **Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified.**
Establishments primarily engaged in manufacturing linoleum, asphalted-felt-base flooring, cork carpets, and other hard-surface floor coverings, not elsewhere classified. Establishments manufacturing rubber flooring are included in Industry 3033.

227 **HATS (EXCEPT CLOTH AND MILLINERY).**

2271 **Fur-felt hats.**
Establishments primarily engaged in manufacturing fur-felt hat bodies (for men, women, and children) from hatters' fur, in making men's, women's, and children's finished fur-felt hats from hat bodies produced in the same establishment, or in making men's and boys' finished fur-felt hats from hat bodies not produced in the same establishment. Establishments primarily engaged in producing women's and children's millinery by trimming fur-felt hat bodies not produced in the same establishment are classified in Industry 2351.

2272 **Wool-felt hats.**
Establishments primarily engaged in manufacturing wool-felt hat bodies (for men, women, and children) from raw wool and wool waste; in manufacturing men's, women's, and children's wool-felt hats from hat bodies produced in the same establishment; and in making men's and boy's finished wool-felt hats from hat bodies not produced in the same establishment. Establishments primarily engaged in producing women's and children's millinery by trimming wool-felt hat bodies not produced in the same establishment are classified in Industry 2351.

2273 **Straw hats.**
Establishments primarily engaged in manufacturing straw hat bodies (for men, women, and children), in making men's, women's, and children's finished straw hats from hat bodies produced in the same establishment, and in making men's and boys' finished straw hats from hat bodies not produced in the same establishment. Establishments primarily engaged in producing women's and girls' millinery by trimming straw hat bodies not produced in the same establishment are classified in Industry 2351.

2274 **Hatters' fur.**
Establishments primarily engaged in producing hatters' fur for use as material in manufacturing fur-felt hat bodies (Industry 2271).

Group No. Industry No.

229 **MISCELLANEOUS TEXTILE GOODS.**

2291 **Felt goods (except woven felts and hats).**
Establishments primarily engaged in manufacturing insulating and automotive felts, under-rug mats, and other felt goods, from wool, hair, and jute, by means of heat, moisture, and pressure, or by the needle-loom process. Establishments primarily engaged in manufacturing woven felts and haircloth are classified in Industry 2231, and those manufacturing felt hats in Group 227.

2292 **Lace goods.**
Establishments primarily engaged in manufacturing lace-machine products such as levers laces; bobbinet; Nottingham lace (curtain nets, curtains, bedspreads, table covers); and Barmen lace. This industry includes dyers and finishers of lace goods. Establishments primarily engaged in machine embroidering are classified in Industry 23V1.

2293 **Paddings and upholstery filling.**
Establishments primarily engaged in manufacturing batting, padding, wadding, and upholstery filling from curled hair, cotton, moss, hemp tow, flax tow, kapok, and related materials except excelsior (Industry 2591).

2294 **Processed waste and recovered fibers.**
Establishments primarily engaged in processing textile-mill waste for spinning and other uses, and recovering cotton, wool, rayon, silk, and other fibers from clippings and rags. The production of oakum is classified in this industry.

2295 **Artificial leather.**
Establishments primarily engaged in manufacturing artificial leather, regardless of method of manufacture or use of finished product.

2296 **Oilcloth.**

2297 **Linen and jute goods (except jute felt).**
Establishments primarily engaged in manufacturing flax yarn and thread, and fabrics of linen, jute, and linen and cotton mixtures. Products made from these soft fibers—linen woven goods and jute bagging—are included in this industry. Establishments manufacturing jute felts are classified in Industry 2291, and cordage and twine in Industry 2298.

2298 **Cordage and twine.**
Establishments primarily engaged in manufacturing rope, cable, cordage, twine, and related goods, from hemp, jute, cotton, paper, flax, and other fibers.

2299 **Textile goods, not elsewhere classified.**

Supplementary Code for Major Group 22.—TYPE OF OPERATION

1 **"Regular" factories.**
Establishments which purchase materials, produce textiles and related articles within the establishment, and sell the finished products.

2 **"Contract" factories.**
Establishments which work on a contract basis on materials owned by others; that is, the establishment processes materials assigned to it by a jobber or by another manufacturer, who owns the materials and sells the finished product.

Major Group 23.—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

THE MAJOR GROUP AS A WHOLE

This group of industries, known as the cutting-up and needle trades, includes establishments producing clothing and related fabricated products by cutting and sewing fabrics woven or knit in other establishments. All types of textiles are utilized, as well as leather, rubberized fabrics, fur, and other materials. In general, two types of organizations operate in the apparel industry. The first is the "regular" or "inside" factory, which purchases materials, produces clothing and related articles within the establishment, and sells the finished products. In the other type, an establishment works on a contract basis on materials owned by others; that is, the jobber owns the materials, assigns the piece goods to a contractor for fabrication, and sells the finished products. In many instances the information received from establishments does not provide a basis for distinguishing "inside" factories from "contract" factories. However, for agencies which find this distinction useful and can obtain detailed information, a supplementary code, utilizing a fifth digit, is provided for classifying these establishments by type of operation, whether "inside" factories or "contract" factories (p. 16). Custom tailors not operating on a factory basis are classified in Major Group 51, and dressmakers in Major Group 85.

Group No. Industry No.

231 MEN'S AND BOYS' SUITS, COATS, AND OVERCOATS.

2311 Men's and boys' suits, coats, and overcoats.[2]
Establishments primarily engaged in manufacturing men's and boys' suits, coats, and overcoats. Establishments primarily engaged in manufacturing uniforms (military, policemen's, firemen's) are classified in this industry. Establishments manufacturing men's work and sport garments are classified in Group 232.

232 MEN'S AND BOYS' SHIRTS, WORK CLOTHING, AND ALLIED GARMENTS.

2321 Men's and boys' shirts (except work shirts) and nightwear.[2]
Establishments primarily engaged in manufacturing men's and boys' shirts, collars, and nightwear made from purchased fabric. Establishments primarily engaged in manufacturing work shirts are classified in Industry 2324.

2322 Men's and boys' underwear.[2]
Establishments primarily engaged in manufacturing men's and boys' underwear (woven or knit) made from purchased fabric. Full-process establishments manufacturing knit underwear are classified in Industry 2245.

2323 Men's and boys' trousers.[2]
Establishments primarily engaged in manufacturing men's and boys' single trousers. This industry does not include establishments primarily engaged in manufacturing trousers as a part of complete suits (Industry 2311) or those manufacturing work pants (Industry 2329).

2324 Work shirts.
Establishments primarily engaged in manufacturing men's and boys' work shirts and flannel shirts.

2329 Work, sport, and other clothing, not elsewhere classified.
Establishments primarily engaged in manufacturing men's and boys' overalls, work plants, industrial garments, washable service apparel, wash suits, oiled-fabric work garments, Mackinaws, lumberjackets, blanket-lined coats, ski and snow suits, hunting and riding and related garments, and other heavy outerwear, not elsewhere classified. Reports of establishments manufacturing these types of apparel but not specifying whether the clothing is primarily for men or women are classified in this industry. Establishments primarily engaged in manufacturing single trousers are classified in Industry 2323, work and flannel shirts in Industry 2324, and leather and sheep-lined garments in Industry 2387. Full-process establishments manufacturing knit outerwear are classified in Industry 2244.

3X MEN'S NECKWEAR, HATS, AND CAPS.

23X1 Men's neckwear.[2]
Establishments primarily engaged in manufacturing men's and boys' neckties, scarfs, and mufflers. Full-process establishments manufacturing neckties, scarfs, and mufflers are classified in Industry 2244.

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[2] A supplementary code is provided on p. 16 for classifying establishments by type of operation, i. e., "inside" and "contract" factories.

Group No. Industry No.

23X **MEN'S NECKWEAR, HATS, AND CAPS**—Continued.

23X2 **Men's cloth hats and caps.**
Establishments primarily engaged in manufacturing men's and boys' hats and caps from cloth, such as baseball and other cloth sport hats; chauffeurs', policemen's, and other uniform hats; and miscellaneous cloth hats and caps. The manufacture of fur-felt hats is included in Industry 2271, wool-felt hats in Industry 2272, and straw hats in Industry 2273. Full-process establishments manufacturing knit caps are classified in Industry 2244.

23X3 **Hat and cap materials.**
Establishments primarily engaged in manufacturing hat and cap findings such as cap visors, sweat bands, and trimmings from materials not produced in the same establishment. Establishments primarily engaged in tip printing or stamping are included in this industry. The manufacture of hatters' fur is classified in Industry 2274.

233 **WOMEN'S AND MISSES' OUTWEAR.**

2331 **Women's and misses' suits and coats.**[2]
Establishments primarily engaged in manufacturing women's and misses' suits and coats. Establishments manufacturing fur coats are classified in Industry 2371, and those manufacturing single skirts in Industry 2332. Full-process establishments manufacturing knit outerwear are classified in Industry 2244.

2332 **Women's and misses' skirts.**[2]
Establishments primarily engaged in manufacturing women's and misses' single skirts. This industry does not include establishments manufacturing skirts as a part of complete suits (Industry 2331).

2333 **Women's and misses' dresses.**[2]
Establishments primarily engaged in manufacturing women's and misses' dresses including ensemble dresses. Establishments manufacturing aprons, smocks, hoovers, and house dresses are classified in Industry 2334. Full-process establishments manufacturing knit dresses are classified in Industry 2244.

2334 **Household apparel.**[2]
Establishments primarily engaged in manufacturing women's and misses' household apparel, chiefly of washable fabric. Important products of this industry are aprons, hoovers, house dresses, and smocks; and nurses' and maids' uniforms.

2335 **Women's and misses' blouses and waists.**[2]

2339 **Women's and misses' outwear, not elsewhere classified.**
Establishments primarily engaged in manufacturing women's and misses' outerwear not elsewhere classified, such as bathing suits, beachwear, riding habits, and ski suits. Full-process establishments manufacturing knit outerwear are classified in Industry 2244.

234 **WOMEN'S UNDER GARMENTS AND ACCESSORIES.**

2341 **Women's, children's, and infants' underwear and nightwear.**
Establishments primarily engaged in manufacturing women's, children's, and infant's nightwear, and underwear (woven or knit) made from purchased fabric. Full-process establishments manufacturing knit underwear or nightwear are classified in Industry 2245.

2342 **Corsets and allied garments.**
Establishments primarily engaged in manufacturing corsets, brassieres, girdles, foundation garments, and corset accessories.

2343 **Women's neckwear and scarfs.**
Establishments primarily engaged in manufacturing women's neckwear and scarfs from fabric produced in other establishments. Full-process establishments manufacturing knit neckwear or scarfs are classified in Industry 2244.

235 **MILLINERY.**

2351 **Millinery.**
Establishments primarily engaged in manufacturing women's, misses', children's, and infants' trimmed hats from felt or straw hat bodies and millinery materials made in other establishments. Establishments manufacturing fur-felt and wool-felt hat bodies are classified in Industries 2271 and 2272, and those manufacturing millinery braid and trimming in Industry 23V2.

236 **CHILDREN'S AND INFANTS' OUTERWEAR.**

2361 **Children's and infants' dresses.**[2]
Establishments primarily engaged in manufacturing children's and infants' dresses. Full-process establishments manufacturing knit dresses are classified in Industry 2244.

2362 **Children's and infants' coats.**[2]
Establishments primarily engaged in manufacturing children's and infants' coats, coat-and-legging sets, and snow suits. Full-process establishments manufacturing knit outerwear are classified in Industry 2244.

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[2] A supplementary code is provided on p. 16 for classifying establishments by type of operation, i. e., "inside" and "contract" factories.

Group No. Industry No.

236 **CHILDREN'S AND INFANTS' OUTERWEAR**—Continued.

2369 **Children's and infants' outerwear, not elsewhere classified.**[2]
Establishments primarily engaged in manufacturing children's and infants' outerwear, not elsewhere classified, such as house coats, middies, slacks, beachwear, rompers, sun suits, play suits, bathrobes, and headwear. Full-process establishments manufacturing knit outerwear are classified in Industry 2244.

237 **FUR GOODS.**

2371 **Fur goods.**[2]
Establishments primarily engaged in manufacturing fur coats and other fur garments, accessories, and trimmings. Establishments manufacturing sheep-lined clothing are included in Industry 2387.

238 **MISCELLANEOUS APPAREL AND ACCESSORIES.**

2381 **Gloves and mittens.**
Establishments primarily engaged in manufacturing dress, semidress, and work gloves and mittens, made of knit fabric or of woven cloth or of these materials combined with leather. This industry does not include establishments manufacturing seamless-fingered gloves and mittens, or related types, classified in Industry 2246; gloves of leather only, in Industry 3151; or rubber gloves, in Industry 3051.

2382 **Handkerchiefs.**

2383 **Belts.**
Establishments primarily engaged in manufacturing men's and women's apparel belts.

2384 **Suspenders, garters, and related products.**
Establishments primarily engaged in manufacturing suspenders, arm bands, garters, hose supporters, and related products, made of purchased cord or fabric (chiefly elastic cord or fabric). Establishments engaged primarily in the manufacture of corsets and allied garments are classified in Industry 2342.

2385 **Robes and dressing gowns.**
Establishments primarily engaged in manufacturing men's and women's bahrobes, lounging robes, and dressing gowns.

2386 **Raincoats and other waterproof garments.**
Establishments primarily engaged in manufacturing raincoats from rubberized fabrics made in other establishments, and other waterproof garments made from such materials as pliofilm and cellophane. Establishments primarily engaged in manufacturing oiled-fabric work garments are classified in Industry 2329, and those manufacturing rubber garments and garments made from rubberized fabrics produced in the same establishment are classified in Industry 3041.

2387 **Leather and sheep-lined clothing.**
Establishments primarily engaged in manufacturing leather and sheep-lined garments. Establishments manufacturing leather gloves and mittens are classified in Industry 3151, and those manufacturing fur garments in Industry 2371.

2389 **Miscellaneous apparel, not elsewhere classified.**
Establishments primarily engaged in manufacturing miscellaneous apparel, not elsewhere classified, such as academic caps and gowns, vestments, and theatrical costumes.

23V **TRIMMINGS AND EMBROIDERIES.**

23V1 **Pleating, stitching, tucking, and embroidering.**
Establishments primarily engaged in pleating, stitching, tucking, and embroidering for the trade or in manufacturing schiffli-machine, bonnaz, and hand-made embroideries.

23V2 **Trimmings and art needlework.**
Establishments primarily engaged in manufacturing trimmings for millinery and other uses, stamped art goods, and art needlework.

239 **MISCELLANEOUS FABRICATED TEXTILE PRODUCTS.**

2391 **Curtains and draperies.**
Establishments primarily engaged in manufacturing curtains and draperies from fabric not produced in the same establishment.

2392 **Bedspreads.**
Establishments primarily engaged in manufacturing bedspreads from fabric not produced in the same establishment.

2393 **Housefurnishings.**
Establishments primarily engaged in manufacturing housefurnishing goods such as sheets, pillowcases, napkins, tablecloths, comfortables, blankets, pillows, laundry bags, mops and dusters, and slip covers from fabric not produced in the same establishment. The manufacture of curtains and draperies is classified in Industry 2391 and of bedspreads in Industry 2392.

2394 **Textile bags.**
Establishments primarily engaged in manufacturing cotton, burlap, and other bags from fabric not produced in the same establishment.

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[2] A supplementary code is provided on p. 16 for classifying establishments by type of operation, i. e., "inside" and "contract" factories.

Group No.	Industry No.	
239		**MISCELLANEOUS FABRICATED TEXTILE PRODUCTS**—Continued.
	2395	**Canvas products.** Establishments primarily engaged in manufacturing awnings, tents, sails, canvas covers, tarpaulins, and canopies from canvas not produced in the same establishment.
	2399	**Miscellaneous fabricated textile products, not elsewhere classified.**

Supplementary Code for Major Group 23.—TYPE OF OPERATION

1 **"Inside" or "regular" factories.**
Establishments which purchase materials, produce clothing and related articles within the establishment, and sell the finished products.

2 **"Contract" factories.**
Establishments which work on a contract basis on materials owned by others; that is, the establishment fabricates products from piece goods assigned to it by a jobber or by another manufacturer, who owns the materials and sells the finished product.

Major Group 24.—LUMBER AND TIMBER BASIC PRODUCTS

THE MAJOR GROUP AS A WHOLE

This group of industries includes logging camps, merchant sawmills, veneer mills, lath mills, shingle mills, cooperage-stock mills, planing mills, and plywood mills engaged in producing lumber and timber basic products.

Group No.	Industry No.	
241		**LOGGING.**
	2411	**Logging camps and logging contractors.** Logging camps primarily engaged in cutting timber or pulpwood, and producing logs, bolts, and rough timber products such as poles, hewn railroad ties, posts, mine timbers, wheel and handle stock, excelsior stock, etc., whether cut for their own account or on a contract basis. Contractors engaged in estimating and cutting timber or pulpwood are also included in this industry. This industry does not include logging camps combined with sawmills (Group 242) or logging camps combined with pulp mills (Industry 2611).
242		**SAWMILLS.** This group includes establishments primarily engaged in sawing rough lumber and timber products from logs. Included in this group are sawmills combined with logging camps and sawmills combined with planing mills.
	2421	**Sawmills (general).** Establishments primarily engaged in producing lumber or sawed timber, whether or not they also operate logging camps or planing mills, or produce veneer, shingles, cooperage stock, sawed railroad ties, or other special products. Mills specializing in the production of one of these special mill products are not included in this industry but classified according to their specialty line, as follows: veneer mills in Industry 2422, shingle mills in Industry 2423, cooperage-stock mills in Industry 2424, and any other special-product sawmills in Industry 2429.
	2422	**Veneer mills.** Sawmills primarily engaged in manufacturing veneer, whether produced by sawing, peeling, or slicing.
	2423	**Shingle mills.**
	2424	**Cooperage-stock mills.** Sawmills primarily engaged in manufacturing cooperage stock. Establishments manufacturing barrels, kegs, tubs, pails, hogsheads, and other containers from cooperage stock made in the same establishment are classified in Industry 2555.
	2429	**Special-product sawmills, not elsewhere classified.**
243		**PLANING AND PLYWOOD MILLS.**
	2431	**Planing mills.** Planing mills primarily engaged in manufacturing, from rough lumber sawed in other establishments, dressed lumber, sash, doors, window and door frames, interior woodwork, and molding. Planing mills combined with sawmills are classified in Industry 2421.
	2432	**Plywood mills.** Establishments engaged in manufacturing plywood as their principal product.

Major Group 25.—FURNITURE AND FINISHED LUMBER PRODUCTS

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in manufacturing furniture made of wood or other materials; finished articles made entirely or mainly of wood or wood substitutes; and articles related to those made of wood, such as mattresses and studio couches, which are either produced in the same plants or sold in the same markets. The treatment of wood with creosote and other preservatives is included in this group. Certain types of establishments producing wood products are classified elsewhere. For example, equipment specifically designed for use in beauty and barber shops is classified in Industry 3991, pianos and wooden musical instruments in Group 393, and wooden toys and playground equipment in Group 394; woodworking in connection with construction (carpentry work, etc.) in Division C, Construction; and woodworking to individual order or in the nature of reconditioning and repair in Division H, Services.

Group No.	Industry No.	
No.	No.	
	2511	**Wood household furniture.** Establishments primarily engaged in manufacturing wood household furniture commonly used in dwellings, including cases and cabinets for radios and sewing machines, kitchen cabinets, camp furniture, cradles, cribs, and smoking stands. Establishments manufacturing upholstered furniture are classified in Industry 2512 and those manufacturing reed and rattan furniture in Industry 2513.
	2512	**Upholstered furniture.** Establishments primarily engaged in manufacturing upholstered furniture and frames for upholstered furniture. Establishments primarily reupholstering furniture and upholstering frames to individual order are not considered a part of the manufacturing industries and are classified in Industry 8941.
	2513	**Reed and rattan furniture.** Establishments primarily engaged in manufacturing reed, rattan, fiber, willow, and other wicker furniture.
	2514	**Metal household furniture.**
	2515	**Mattresses and bedsprings.** Establishments primarily engaged in manufacturing mattresses (including box-spring mattresses); assembled wire springs (fabric, coil, or box) for use on beds, couches, and cots; and spring cushions. Establishments manufacturing individual-spiral wire springs are classified in Industry 3349.
	2519	**Household furniture, not elsewhere classified.** Establishments primarily engaged in manufacturing household furniture, not elsewhere classified, such as folding and cabinet beds, prefabricated built-in furniture, and hammocks.
252		**OFFICE FURNITURE.**
	2521	**Wood office furniture.** Establishments primarily engaged in manufacturing wood office and restaurant furniture.
	2522	**Metal office furniture.** Establishments primarily engaged in manufacturing metal office and restaurant furniture.
253		**PUBLIC-BUILDING AND PROFESSIONAL FURNITURE.**
	2531	**Public-building furniture.** Establishments primarily engaged in manufacturing furniture for schools (including wooden blackboards), theaters, assembly halls, churches, and libraries and in manufacturing seats for public conveyances. Establishments manufacturing stone furniture are classified in Industry 3289.
	2532	**Professional furniture.** Establishments primarily engaged in manufacturing furniture especially designed for laboratory, hospital, and other professional uses such as laboratory work tables, operating tables, and hospital beds.
254		**OFFICE AND STORE FIXTURES.**
	2541	**Office and store fixtures.** Establishments primarily engaged in manufacturing, from wood or other materials, prefabricated partitions, shelving, cabinets, show and display cases, office and store fixtures, and related fabricated woodwork including bar fixtures, telephone booths, butchers' fixtures, lockers, statuary wooden pedestals, display racks and stands, and store and lunchroom window backs. Prefabricated wooden store fronts are also included in this industry. The manufacture of prefabricated store fronts of metal is classified in Industry 3383 and of plastics in Industry 3994. The manufacture of refrigerated cabinets, show cases, and display cases is classified in Industry 3584.

Group No. Industry No.

255 **WOODEN CONTAINERS.**

2551 **Fruit and vegetable baskets.**
Establishments primarily engaged in manufacturing till baskets, climax baskets, round-stave baskets, hampers, and splint or market baskets made of veneer, splint, reed, rattan, or willow, for containing fruits and vegetables.

2552 **Rattan and willow wares (except furniture and fruit and vegetable baskets).**
Establishments primarily engaged in manufacturing articles of rattan, reed, splints, veneer, and willow, such as hampers, baskets (except fruit and vegetable baskets—Industry 2551), and small articles such as trays, coasters, table pads, and willow bottle and demijohn covers. This industry does not include the manufacture of reed and rattan furniture (Industry 2513).

2553 **Cigar boxes.**
Establishments primarily engaged in manufacturing cigar boxes of wood, or partly of wood, in which cigars are packed for sale. Establishments manufacturing paper cigar boxes are classified in Industry 2669.

2554 **Wooden boxes (except cigar boxes).**
Establishments primarily engaged in manufacturing wooden boxes (plain or fabric covered), crates, box shooks, cases, wooden shipping drums, wooden trunk slats, and carrier trays. Establishments primarily manufacturing cigar boxes are classified in Industry 2553, fruit and vegetable baskets in Industry 2551, and caskets and coffins in Industry 2571.

2555 **Cooperage.**
Establishments primarily engaged in manufacturing barrels, kegs, tubs, hogsheads, pails, tanks, vats, and other containers made of staves, except fruit and vegetable baskets (Industry 2551). Establishments primarily engaged in manufacturing cooperage stock, but not cooperage, are classified in Industry 2424.

256 **WINDOW AND DOOR SCREENS AND SHADES.**

2561 **Window and door screens and weather strip.**
Establishments primarily engaged in manufacturing window and door screens and weather strip, regardless of the materials used. The manufacture of wire screening is included in Industry 3349.

2562 **Window shades.**
Establishments primarily engaged in manufacturing complete window shades, window-shade rollers and fittings, and curtain rods, poles, and fixtures, regardless of the materials used.

2563 **Venetian blinds.**
Establishments primarily engaged in manufacturing Venetian blinds, regardless of the materials used. This industry also includes the manufacture of porch shades.

257 **MORTICIANS' GOODS.**

2571 **Caskets, coffins, burial cases, and other morticians' goods.**
Establishments primarily engaged in manufacturing caskets, coffins, and burial cases and shipping cases, whether of wood or other material (except concrete—Industry 3271); morticians' supplies and accessories, such as burial garments, gloves, slippers, casket linings, and embalming fluids; and morticians' paraphernalia and equipment.

259 **MISCELLANEOUS WOOD PRODUCTS.**

2591 **Excelsior.**
Establishments primarily engaged in manufacturing excelsior made of wood, and excelsior pads and wrappers.

2592 **Cork products.**
Establishments primarily engaged in manufacturing cork products, such as bottle corks, life preservers, insulating materials, tile, and other articles made of cork and ground cork. Establishments manufacturing linoleum and cork carpets are classified in Industry 2274.

2593 **Matches.**
Establishments primarily engaged in manufacturing matches, regardless of the material used.

2594 **Wood preserving.**
Establishments primarily engaged in treating wood, sawed or planed in other establishments, with creosote or other preservatives to prevent decay and to protect against fire and insects. This industry does not include establishments primarily engaged in manufacturing wood products, which they may also treat with preservatives, such as the manufacture of railroad ties (Major Group 24) and wood paving blocks (Industry 2931).

2595 **Lasts and related products.**
Establishments primarily engaged in manufacturing lasts for boots and shoes, last sole patterns, shoe trees, and display forms for boots and shoes, regardless of the material used.

2596 **Mirror frames and picture frames.**
Establishments primarily engaged in manufacturing finished picture-frame moldings; in manufacturing frames for mirrors, pictures, photographs, and medallions; and in framing pictures for the trade. This industry does not include establishments manufacturing mirrors (Industry 3231) or framing pictures to individual order (Industry 8999).

2599 **Wood products, not elsewhere classified.**
Establishments primarily engaged in turning and shaping wood and manufacturing miscellaneous wood products, not elsewhere classified, such as wooden abacuses, bakers' wooden equipment, wooden brooders and incubators, carvings, clothespins, cloth-winding reels, dishes, flagpoles, wood-flour, furniture turnings, garment hangers, ladders, letters, marquetry, oars, potato mashers, rolling pins, scaffolds, stepladders, tailors' pressing blocks, toilet seats, toothpicks, trays, inlaid veneer work, and washboards (wooden and part wooden).

Major Group 26.—PAPER AND ALLIED PRODUCTS

THE MAJOR GROUP AS A WHOLE

This group of industries includes the manufacture of pulp primarily from wood, and from rags and other fibers; the conversion of these pulps into any kind of paper or paperboard; and the manufacture of paper and paperboard into converted paper products, such as coated paper, paper bags, paper boxes, cards, and envelopes. Certain types of converted paper products are classified elsewhere, such as abrasive paper in Major Group 32, and carbon paper and photosensitized and blueprint paper in Major Group 39.

Group No.	Industry No.	
261		**PULP MILLS.**
	2611	**Pulp mills.** Establishments primarily engaged in manufacturing pulp from wood or from other materials, such as rags, linters, and straw. Establishments primarily engaged in cutting pulpwood are classified in Industry 2411.
262		**PAPER AND PAPERBOARD MILLS.** This group includes establishments primarily engaged in manufacturing paper and paperboard from wood pulp and other fibers. These establishments may also manufacture converted paper products on the same premises. Pulp mills combined with paper mills are reported separately and are classified therefore in Group 261. Establishments manufacturing converted paper and paperboard products from stock not produced in the same establishment are classified in Groups 263–269.
	2621	**Newsprint mills.**
	2622	**Book and cover-paper mills.**
	2623	**Writing-paper mills.**
	2624	**Wrapping-paper mills.**
	2625	**Tissue and absorbent-paper mills.**
	2626	**Building-paper mills.**
	2627	**Paperboard mills.** Establishments primarily engaged in manufacturing paperboard. Important products classified in this industry are binders' board, boxboard (bending and nonbending), Bristol board, building board, chip board, container board, jute board, kraft board, leatherboard, newsboard, patent-coated board, pressboard, and strawboard. The manufacture of vegetable fiber building board is classified in Industry 2628.
	2628	**Building board made of vegetable fiber.** Establishments primarily engaged in manufacturing vegetable-fiber building board and insulation board made without plaster. The manufacture of plasterboard made of gypsum is classified in Industry 3272 and other plasterboard in Industry 3273.
	2629	**Paper mills, not elsewhere classified.** Paper mills primarily engaged in manufacturing paper, not elsewhere classified, such as catalog paper, wallpaper stock, and ground-wood paper.
263		**PAPER COATING AND GLAZING.** This group includes establishments primarily engaged in manufacturing coated or glazed paper from paper stock not produced in the same establishment. Paper mills manufacturing coated or glazed paper from paper stock produced in the same establishment are classified in Group 262.
	2631	**Coated book paper.** Establishments primarily engaged in manufacturing coated book paper from paper stock not produced in the same establishment.
	2632	**Waxed paper.** Establishments primarily engaged in manufacturing waxed and oiled paper from paper stock not produced in the same establishment.
	2633	**Gummed paper.** Establishments primarily engaged in manufacturing gummed paper, including gummed labels and paper and cloth tape, from stock not produced in the same establishment.
	2639	**Coated and glazed paper, not elsewhere classified.** Establishments primarily engaged in manufacturing, from paper stock not produced in the same establishment, miscellaneous coated and glazed papers such as waterproofed wrapping paper, fly paper, transfer paper, and cloth-lined paper. Establishments manufacturing carbon paper are classified in Industry 3955, photographic and blueprint paper in Industry 3912, and coated book paper in Industry 2631.

Group No. Industry No.

264 ENVELOPES.

2641 Envelopes.
Establishments primarily engaged in manufacturing envelopes of any description from paper stock not produced in the same establishment. This industry does not include paper mills which manufacture envelopes from paper stock produced in the same establishment (Group 262) or establishments manufacturing papeteries—boxed sets of writing paper and envelopes (Industry 2692).

265 PAPER BAGS.
This group includes establishments primarily engaged in manufacturing paper bags from paper stock not produced in the same establishment. Paper mills manufacturing paper bags from paper stock produced in the same establishment are classified in Group 262.

2651 Grocery bags.
Establishments primarily engaged in manufacturing unbleached kraft paper bags for groceries from paper stock not produced in the same establishment.

2652 Heavy-duty paper bags.
Esablishments primarily engaged in manufacturing heavy-duty paper bags for cement, flour, coal, etc., from paper stock not produced in the same establishment.

2659 Paper bags, not elsewhere classified.
Establishments primarily engaged in manufacturing paper bags, not elsewhere classified, such as glassine bags, and merchandise bags except grocery bags, from paper stock not produced in the same establishment. Establishments primarily engaged in producing cellophane bags are classified in Industry 3994.

266 PAPERBOARD CONTAINERS AND BOXES.
This group includes establishments primarily engaged in manufacturing paperboard containers or boxes from paperboard stock not produced in the same establishment. Mills manufacturing paperboard containers or boxes from paperboard stock produced in the same establishment are classified in Group 262.

2661 Folding paper boxes.
Establishments primarily engaged in manufacturing folding boxes of boxboard or paperboard. Establishments manufacturing folded or set-up paperboard shipping boxes are classified in Industry 2663, and other paperboard shipping containers in Industry 2664.

2662 Set-up boxes.
Establishments primarily engaged in manufacturing set-up paper or paperboard boxes not designed as shipping containers, such as hat boxes, millinery boxes, and canned-goods cases.

2663 Corrugated and fiber boxes.
Establishments primarily engaged in manufacturing shipping boxes made of corrugated and solid fiber board.

2664 Fiber cans, tubes, and similar products.
Establishments primarily engaged in manufacturing fiber cans, cones, mailing cases, tubes, and similar products such as cores, ribbon-blocks, and spools, with or without metal ends.

2669 Paperboard containers and boxes, not elsewhere classified.
Establishments primarily engaged in manufacturing decorated, lithographed, lacquered, and fancy covered paperboard boxes, and other paperboard boxes and containers not elsewhere classified, such as cigarette boxes and confectionery boxes.

269 CONVERTED PAPER PRODUCTS, NOT ELSEWHERE CLASSIFIED, AND PULP GOODS.
This group includes establishments primarily engaged in manufacturing pulp goods, or converted paper products such as die-cut paper, stationery, and wallpaper, from stock not produced in the same establishment. Establishments manufacturing pulp goods from pulp produced in the same establishment are classified in Industry 2611, and those manufacturing converted paper products from paper stock produced in the same establishment are classified in Group 262.

2691 Die-cut paper and paperboard.
Establishments primarily engaged in die-cutting paper and paperboard to make paper bottle caps and tops; index, jacquard, library, and other cut cards; and related products; and in manufacturing cardboard by laminating, lining, and surface-coating paperboard. Important products classified in this industry are cardboard panels; pasted chip board and newsboard; cut-outs; photograph folders, mats, and mounts; and stencil cards for addressing machines.

2692 Stationery.
Establishments primarily engaged in manufacturing, from paper stock not produced in the same establishment, stationery and papeteries (boxed sets of writing paper and envelopes) whether or not printed or engraved. Establishments printing and engraving letterhead stationery for the trade are classified in Industries 2751 and 2792. Establishments manufacturing envelopes are classified in Industry 2641.

2693 Wallpaper.
Establishments primarily engaged in designing, printing, and embossing paper for interior walls and ceilings from hanging paper not produced in the same establishment.

Group No.	Industry No.	
269		CONVERTED PAPER PRODUCTS, ETC.—Continued.
	2694	**Pulp goods.** Establishments primarily engaged in manufacturing pressed and molded pulp goods such as pulp plates and utensils, and papier mâché articles except statuary (Industry 3298). The manufacture of plates and utensils from paper is classified in Industry 2699.
	2699	**Converted paper products, not elsewhere classified.** Establishments primarily engaged in manufacturing, from paper stock not produced in the same establishment, miscellaneous converted paper products not elsewhere classified, such as crepe paper and crepe-paper products, paper napkins, doilies, and towels, playing cards, soda straws, printed and unprinted paper patterns, egg-case fillers, cups, dishes, toilet paper, confetti, and paper novelties.

Major Group 27.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in printing, publishing, and lithographing, and those performing services for the printing trades such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This group also includes publishers regardless of whether or not they do their own printing. News syndicates are classified in Major Group 87.

Group No.	Industry No.	
271		NEWSPAPERS.
	2711	**Newspapers, publishing only.** Establishments primarily engaged in preparing and publishing, but not printing, newspapers. Establishments specializing in printing newspapers for publishers are classified in Industry 2751.
	2712	**Newspapers, publishing and printing.** Establishments primarily engaged in preparing, publishing, and printing newspapers. These establishments carry on the various operations necessary for issuing newspapers, including the operation of editorial and mechanical departments. Establishments specializing in printing newspapers for publishers are classified in Industry 2751.
272		PERIODICALS.
	2721	**Periodicals, publishing only.** Establishments primarily engaged in preparing and publishing, but not printing, periodicals. Establishments specializing in printing periodicals for publishers are classified in Industry 2751.
	2722	**Periodicals, publishing and printing.** Establishments primarily engaged in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary for issuing periodicals, including the operation of editorial and mechanical departments. Establishments specializing in printing periodicals for publishers are classified in Industry 2751.
273		BOOKS.
	2731	**Books, publishing only.** Establishments primarily engaged in publishing, but not printing and binding, books and pamphlets. Establishments primarily engaged in publishing and printing books and pamphlets are classified in Industry 2732, and those primarily engaged in only the printing of books and pamphlets in Industry 2733.
	2732	**Books, publishing and printing.** Establishments primarily engaged in publishing and printing, or publishing, printing, and binding books and pamphlets. Establishments primarily engaged in only the publishing of books and pamphlets are classified in Industry 2731, and those primarily engaged in only the printing of books and pamphlets in Industry 2733.
	2733	**Books, printing only.** Establishments primarily engaged in only the printing, or printing and binding, of books and pamphlets. Establishments primarily engaged in publishing and printing books and pamphlets are classified in Industry 2732, and those primarily engaged in only the publishing of books and pamphlets are classified in Industry 2731.
	2734	**Miscellaneous publishing without printing.** Establishments primarily engaged only in publishing maps, atlases, and directories, and in miscellaneous publishing activities, not elsewhere classified. Directories published as part of a service and not offered for sale are classified in Industry 8799.
274		GREETING CARDS.
	2741	**Greeting cards.** Establishments primarily engaged in designing only, manufacturing only, or designing and manufacturing greeting, valentine, and Christmas cards, and Christmas seals. These products may be printed, lithographed, etched, or otherwise processed. This industry includes establishments primarily engaged in the hand coloring of greeting cards, but not the hand painting of greeting cards (Industry 9499).

Group No.	Industry No.	
275		**COMMERCIAL PRINTING.**
	2751	**Commercial printing.** Establishments primarily engaged in commercial or job printing. This industry includes general printing shops as well as shops specializing in printing newspapers and periodicals for others. The printing of books is included in Group 273. Establishments primarily engaged in printing from lithograph plates are classified in Industry 2761, and those engaged in printing from gravure and rotogravure plates in Industry 2771.
276		**LITHOGRAPHING.**
	2761	**Lithographing and photolithographing.** Establishments primarily engaged in preparing lithograph plates of stone or metal, and in printing from such plates. The greater part of the work in this industry is lithographing on a job or custom basis, but in some cases lithographed calendars, commercial forms, maps, posters, decalcomanias (dry transfers), etc., are made for sale. Offset printing is included in this industry. Lithographing of books, pamphlets, and music is classified in Group 273, and of greeting cards in Industry 2741.
277		**GRAVURE AND ROTOGRAVURE.**
	2771	**Gravure and rotogravure.** Establishments primarily engaged in preparing gravure, rotogravure, and rotary photogravure plates, and in printing from such plates.
278		**BOOKBINDING AND RELATED INDUSTRIES.**
	2781	**Bookbinding.** Establishments primarily engaged in edition, trade, job, and library bookbinding. This industry does not include bookbinding done in book-manufacturing establishments (Industry 2732).
	2782	**Blankbook making and paper ruling.** Establishments primarily engaged in manufacturing blank books such as ledgers, account books, sales books, composition books, receipts, checks, inventory and similar blanks, and in ruling paper.
	2783	**Library and loose-leaf binder manufacturing.** Establishments primarily engaged in manufacturing loose-leaf devices (including fillers for such devices) and library binders.
	2789	**Miscellaneous work related to bookbinding.** Establishments primarily engaged in book or paper bronzing, gilding, and edging; in map and sample mountings; and other services related to bookbinding.
279		**SERVICE INDUSTRIES FOR THE PRINTING TRADES.**
	2791	**Typesetting.** Establishments primarily engaged in machine and hand typesetting for the trade, including advertisement typesetting.
	2792	**Engraving and plate printing.** Establishments primarily engaged in engraving and etching steel and copper plates; in using these plates to print stationery, visiting and other cards, invitations, announcements, security certificates, maps, halftones, etc.; and in making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is included in Industry 3471.
	2793	**Photoengraving.** Establishments primarily engaged in making photoengraved plates for printing illustrations, post cards, greeting cards, magazine covers, halftone engravings, etc. These establishments do not, as a rule, print from the plates which they make but prepare them for use by others.
	2794	**Electrotyping and stereotyping.** Establishments primarily engaged in making stereotype and electrotype plates. These establishments do not, as a rule, print from the stereotype and electrotype plates but prepare them for use by others.

Major Group 28.—CHEMICALS AND ALLIED PRODUCTS

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments producing basic chemicals and establishments manufacturing products by predominantly chemical operations. Establishments in this group manufacture, in general, three classes of products: (1) Basic chemicals such as acids, alkalis, salts, and organic chemicals; (2) chemical products to be used in further manufacturing, such as rayon yarn and other synthetic fibers, plastic materials, crude animal and vegetable oils, dry colors, and pigments; and (3) finished chemical products to be used for ultimate consumption, such as drugs, cosmetics, and soaps, or to be used as materials or supplies in other industries, such as paints, fertilizers, and explosives. Salt, sodium compounds, and soluble mineral salts, produced from brine, are included in this group, but the mining of natural rock salt is classified in Major Group 14. The manufacture of some chemicals is assigned to other major groups; for example, baking powder and other leavening compounds used in food manufacturing are included in Major Group 20; embalming fluids, with other morticians' goods, in Major Group 25; and artists' colors, with other artists' materials, in Major Group 39.

Group No.	Industry No.	
281		**PAINTS, VARNISHES, AND COLORS.**
	2811	**Paints, varnishes, and lacquers.** Establishments primarily engaged in manufacturing paints (in paste form or mixed ready for use), varnishes, lacquers, japans, enamels, and shellac. Important products classified in this industry are water paints and kalsomines (dry or paste); plastic paints; paints in paste form (white or red lead in oil, zinc oxide in oil, colors in oil or in japan); ready-mixed and semipaste paints (paints in oil, undercoatings and primers, wall paints, stains, and bituminous paints); varnishes and varnish stains; lacquers (clear and pigmented); enamels; japans; fillers; shellac; and putty.
	2812	**Colors and pigments.** Establishments primarily engaged in manufacturing dry colors and pigments, other than bone black, carbon black, and lampblack (Industry 2887). Important products classified in this industry are dry colors (toners or full-strength colors, reduced toners, and lakes); white lead; lead oxides; zinc oxides; zinc sulphide; lithopone; precipitated barium sulphate known as blanc fixé; barytes; iron oxides (natural and synthetic); titanium dioxide and other oxides; and ultramarine, vermilion, and other fine colors. Establishments manufacturing artists' oil and water colors are classified in Industry 3954.
282		**VEGETABLE AND ANIMAL OILS.** This group includes establishments primarily engaged in extracting vegetable and animal oils and in distilling and refining natural essential oils. Establishments refining oil into edible cooking fats and oils are classified in Industry 2092.
	2821	**Cottonseed oil.** Establishments primarily engaged in manufacturing cottonseed oil and such byproducts as cake, meal, linters, and other related products.
	2822	**Linseed oil.** Establishments primarily engaged in manufacturing linseed oil and such byproducts as cake and meal.
	2823	**Soybean oil.** Establishments primarily engaged in manufacturing soybean oil and such byproducts as cake and meal.
	2824	**Essential oils.** Establishments primarily engaged in distilling and refining natural essential oils and witch-hazel extract. The production of aromatic synthetic oils and perfume bases of coal-tar origin is classified in Industry 2882 if made from coal-tar crudes and intermediates produced in the same establishment, and in Industry 2889 if made from coal-tar crudes and intermediates produced in other establishments.
	2825	**Marine oils.** Establishments primarily engaged in manufacturing fish oil and meal and other marine-animal oils. The refining of fish oil for medicinal purposes is classified in Industry 2831.
	2829	**Vegetable and animal oils, not elsewhere classified.** Establishments primarily engaged in manufacturing vegetable and animal oils not elsewhere classified, such as neat's-foot and other animal oils; tung oil; and oils from castor beans, palm kernels, peanuts, etc. Establishments refining these oils for medicinal purposes are classified in Industry 2831.

Group No. Industry No.

283 **DRUGS, TOILET PREPARATIONS, AND INSECTICIDES.**

2831 **Drugs and medicines.**
Establishments primarily engaged in manufacturing drugs and medicines. Products of this industry consist of two important lines: (1) Drugs and medicines not advertised to the general public, but sold to or prescribed by physicians; and (2) drugs and medicines in specially prepared packages, advertised for sale to the general public. This industry also includes establishments primarily engaged in grinding drugs and herbs.

2832 **Perfumes, cosmetics, and other toilet preparations.**
Establishments primarily engaged in manufacturing perfumes, cosmetics, and other toilet preparations such as toilet water, face powder, lipsticks and other rouges, deodorants for human use, washes and lotions, hair tonics, hair dyes, hair dressings, bath salts, manicure preparations, and tooth paste and powder. Establishments primarily engaged in manufacturing soap are classified in Industry 2841.

2833 **Insecticides and fungicides.**
Establishments primarily engaged in manufacturing agricultural insecticides and fungicides such as calcium arsenate, lead arsenate, lime-sulphur solution, paris green, rotenone, sulphur dust, and nicotine sulphate; and household insecticides and repellants such as fly sprays, insect powder, and moth repellants.

2834 **Household and related industrial chemical compounds.**
Establishments primarily engaged in manufacturing deodorants and disinfectants for household and industrial use; and other industrial compounds such as boiler and insulating compounds, metal and oil-treating compounds and waterproofing and water-treating compounds. This industry also includes the manufacture of foundry supplies.

284 **SOAP AND GLYCERIN.**

2841 **Soap and glycerin.**
Establishments primarily engaged in manufacturing soap in any form, and in manufacturing crude and refined glycerin.

285 **RAYON AND OTHER SYNTHETIC TEXTILE FIBERS.**

2851 **Rayon and other synthetic textile fibers.**
Establishments primarily engaged in manufacturing cellulose, casein, and other synthetic fibers to be used in manufacturing textile-mill products. Establishments primarily engaged in spinning and weaving rayon or other synthetic textile fibers are classified in Group 222.

286 **WOOD DISTILLATION AND NAVAL STORES.**

2861 **Hardwood distillation.**
Establishments primarily engaged in the conversion of hardwood into charcoal and a variety of industrial chemicals. The method of conversion is generally known as the destructive distillation of hardwood, resulting in the production of charcoal and pyroligneous acid or "raw" liquor. By various distillation and washing processes the latter is separated into tars, oils, acids, and alcohol. These in turn are the intermediate materials from which are obtained hardwood pitch, wood creosote, light acid, wood oils, ethyl acetate, methyl alcohol, methyl acetose, and allyl alcohol.

2862 **Softwood distillation.**
Establishments primarily engaged in softwood distillation for the production, from various woods, of wood naval stores either by the steam and solvent process (products: steam-distilled wood turpentine, wood rosin, and pine oil) or by the destructive distillation process, products; destructively-distilled wood turpentine, pine oil, pitch, tar, tar oils, charcoal, and wood creosote). Sulphate wood naval stores (sulphate wood turpentine and tallow, usually miscalled liquid rosin) are byproducts of the production of pulp by the sulphate process and as such are classified in Industry 2611.

2863 **Gum naval stores.**
Establishments primarily engaged in manufacturing turpentine and rosin by distilling pine gum. The manufacture of turpentine and rosin by wood distillation is included in Industry 2862, and the gathering or warehousing of pine gum in Division A, Agriculture, Forestry, and Fisheries.

287 **FERTILIZERS.**

2871 **Fertilizers (except dry-mix).**
Establishments primarily engaged in manufacturing complete commercial fertilizers (mixtures containing nitrogen, phosphoric acid, and potash) and superphosphates.

2872 **Fertilizers, dry-mix only.**
Establishments primarily engaged in manufacturing dry-mixed fertilizers from dry ingredients not produced in the same establishment.

2873 **Fertilizer materials.**
Establishments primarily engaged in manufacturing incomplete fertilizers and fertilizer materials, except superphosphates (Industry 2871).

288 **INDUSTRIAL CHEMICALS.**

2881 **Tanning materials, natural dyestuffs, mordants, assistants, and sizes.**
Establishments primarily engaged in manufacturing natural dyestuffs; solid and liquid tanning extracts from wood, bark, and other vegetable materials; mordants; assistants such as sulphonated oils and fats, softeners, soluble oils, greases, and synthetic tanning assistants; and sizes.

Group No. Industry No.

288 **INDUSTRIAL CHEMICALS**—Continued.

2882 **Primary coal-tar products.**
Establishments primarily engaged in manufacturing drugs and medicines. intermediates, regardless of whether or not they manufacture finished coal-tar products. The manufacture of plastic materials of coal-tar origin is classified in Industry 2883, and the manufacture of finished coal-tar products not made in establishments manufacturing coal-tar crudes and intermediates is classified in Industry 2889.

2883 **Plastic materials.**
Establishments primarily engaged in manufacturing plastic materials in the form of sheets, rods, tubes, granules, powders, or liquids for use in further manufacturing. These materials include (1) cellulose plastics, such as nitrocellulose, cellulose acetate, ethyl cellulose, methyl cellulose, and cellulose acetate butyrate, (2) synthetic resins (coal-tar and non-coal-tar) such as phenolic (bakelite), alkyd, vinyl, urea, and acrylic, and (3) casein, soybean, and lignin plastics. This industry includes the production of synthetic rubber but does not include rayon and other synthetic textile fibers (Industry 2851), smokeless powder (Industry 2884), artificial leather (Industry 2295), or photographic films (Industry 3912).

2884 **Explosives.**
Establishments primarily engaged in manufacturing explosives, such as nitroglycerin, trinitrotoluene, dynamite, blasting and smokeless powder, safety fuses, and detonating caps. The manufacture of small-arms ammunition is classified in Industry 2892, ammunition except for small arms in Industry 33X2, and fireworks in Industry 2897.

2885 **Salt.**
Establishments primarily engaged in manufacturing commercial salt from rock salt or from natural or artificial brine. The mining of rock salt is classified in Industry 1471.

2886 **Compressed and liquefied gases.**
Establishments primarily engaged in manufacturing gases for sale in compressed, liquid, and solid form, such as acetylene, chlorine, helium, hydrocarbon gases, oxygen, and carbon dioxide (dry ice). The production of natural gasoline is classified in Industry 1322, and the production of gases in compressed or liquefied form as byproducts of petroleum refineries in Industry 2911.

2887 **Bone black, carbon black, and lampblack.**

2888 **Electrochemical and electrometallurgical products.**
Establishments primarily engaged in manufacturing, by electrochemical and electrometallurgical processes, industrial chemicals such as carbide, sodium and magnesium metals, and high-percentage ferro-alloys. Certain products manufactured by electrochemical and electrometallurgical processes are not included in this industry, such as copper, zinc, and aluminum (Major Group 34), carborundum (Major Group 32), and chlorates, hypochlorites, and caustic soda (Industry 2889).

2889 **Industrial chemicals, not elsewhere classified.**
Establishments primarily engaged in manufacturing industrial chemicals not elsewhere classified. Important products classified in this industry are finished coal-tar products, such as dyes, medicinals, flavors, and perfume materials; acids, such as acetic (synthetic), boric, citric, hydrochloric, hydrofluoric, nitric, oleic, oxalic, phosphoric, sulphuric, and tartaric; alkalis and salts, such as soda ash, sodium and potassium hydroxides, sulphates, acetates, chlorides, phosphates, oxides, nitrates, chlorine bleaching compounds, and bromides; and alcohols, ammonia, carbon bisulphide, carbon tetrachloride, ethylene glycol, formaldehyde, and citral. Finished coal-tar products made from coal-tar crudes and intermediates produced in the same establishment are classified in Industry 2882.

289 **MISCELLANEOUS CHEMICAL PRODUCTS.**

2891 **Printing ink.**
Establishments primarily engaged in manufacturing printing ink, gold and bronze ink, and lithographic ink.

2892 **Small-arms ammunition.**
Establishments primarily engaged in manufacturing ammunition for small arms having a bore of 0.60 inch (caliber .60) and under. Establishments manufacturing ammunition except for small arms are classified in Industry 33X2, blasting and detonating caps and fuses in Industry 2884, and fireworks in Industry 2897.

2893 **Cleaning and polishing preparations.**
Establishments primarily engaged in manufacturing cleansers, washing powders, and washing compounds, containing no soap; dry-cleaning preparations; metal, automobile, stove, and other polishes; paint and varnish removers; blackings, waxes, stains, and dressings for fabricated leather and other materials; burnishing inks; and related products.

2894 **Glue and gelatin.**
Establishments primarily engaged in manufacturing glue and edible and inedible gelatin from animal and vegetable materials. Establishments making dental glue are classified in Industry 3917, and those making dessert preparations with a gelatin base in Industry 2099.

Group No.	Industry No.	
289		**MISCELLANEOUS CHEMICAL PRODUCTS**—Continued.
	2895	**Grease and tallow.** Establishments primarily engaged in rendering grease and tallow from animal fat, bones, meat scraps, etc. Lubricating greases made in petroleum refineries are classified in Industry 2911, and those made outside of petroleum refineries in Industry 2896.
	2896	**Lubricating oils and greases.** Establishments primarily engaged in compounding lubricating oils and greases from materials not produced in the same establishment. Lubricating oils and greases made in petroleum refineries are classified in Industry 2911.
	2897	**Fireworks and pyrotechnics.** Establishments primarily engaged in manufacturing fireworks of all kinds, flares, flashlight bombs, and railroad torpedoes and fusees. Establishments manufacturing safety and detonating fuses are classified in Industry 2884.
	2898	**Candles.** Establishments primarily engaged in manufacturing candles from fatty acids or from mineral and animal waxes.
	2899	**Chemical products, not elsewhere classified.** Establishments primarily engaged in manufacturing miscellaneous chemical products, not elsewhere classified, including bluing, starch for industrial uses, mucilage, writing ink, etc.

Major Group 29.—PRODUCTS OF PETROLEUM AND COAL

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments refining crude petroleum and manufacturing coke and coke-oven products, paving and roofing materials, and other products made from petroleum and coal. Establishments manufacturing gas and distributing it to consumers are classified in Major Group 82.

Group No.	Industry No.	
291		**PETROLEUM REFINING.**
	2911	**Petroleum refining.** Establishments primarily engaged in refining crude petroleum by distillation, and producing gasoline, fuel oils, lubricating oils, illuminating oils, and other petroleum products. Establishments producing gasoline from natural gas at the wells are classified in Industry 1322.
292		**COKE AND BYPRODUCTS.**
	2921	**Beehive coke ovens.** Establishments primarily engaged in producing coke in beehive ovens.
	2922	**Byproduct coke ovens.** Establishments primarily engaged in manufacturing coke, coal gas, tar, and other products in "byproduct" coke ovens.
293		**PAVING AND ROOFING MATERIALS.**
	2931	**Paving mixtures and blocks.** Establishments primarily engaged in manufacturing asphalt and tar paving mixtures and manufacturing paving blocks made of asphalt, creosoted wood, and various compositions. Establishments manufacturing brick, concrete, granite, and stone paving blocks are classified in Major Group 32.
	2932	**Roofing felts and coatings.** Establishments primarily engaged in manufacturing asphalt and other saturated roofing felts in roll or shingle form, either smooth or faced with grit, and in manufacturing roofing cements and coatings, except paint (Industry 2811).
299		**MISCELLANEOUS PRODUCTS OF PETROLEUM AND COAL.**
	2991	**Fuel briquettes.** Establishments primarily engaged in manufacturing briquettes and boulets from anthracite culm, bituminous slag, peat, etc., mixed with tar or pitch as a binder, and in manufacturing charcoal briquettes and powdered fuel.
	2999	**Products of petroleum and coal, not elsewhere classified.**

Major Group 30.—RUBBER PRODUCTS

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments manufacturing from natural or synthetic rubber, gutta percha, balata, or gutta siak, all kinds of rubber products such as tires, rubber footwear, mechanical rubber goods, and rubber sundries. This group also includes establishments specializing in reclaiming rubber or in retreading rubber tires. The manufacture of elastic webbing is classified in Major Group 22, and products made of elastic webbing and garments made from rubberized fabrics in Major Group 23.

Group No.	Industry No.	
301		TIRES AND INNER TUBES.
	3011	**Tires and inner tubes.** Establishments primarily engaged in manufacturing pneumatic casings, inner tubes, and solid and cushion tires for all classes of vehicles.
302		RUBBER FOOTWEAR, HEELS, SOLES, AND RELATED PRODUCTS.
	3021	**Rubber footwear.** Establishments primarily engaged in manufacturing all-rubber footwear, waterproof fabric-upper footwear, and other fabric-upper footwear having rubber soles.
	3022	**Heels, soles, and related products.** Establishments primarily engaged in manufacturing rubber, composition, and fiber heels, soles, soling strips, and related shoemaking and repairing materials.
303		INDUSTRIAL RUBBER GOODS.
	3031	**Mechanical rubber goods (except hard rubber).** Establishments primarily engaged in manufacturing mechanical soft rubber goods, such as rubber belts and belting, hose and tubing, plumbers' rubber goods, insulation goods, jar rings, rubber-covered rolls, friction tape, insulators, molded articles for motor vehicles, chute lining, and packing. Establishments manufacturing hard-rubber goods are classified in Industry 3032.
	3032	**Hard-rubber goods.** Establishments primarily engaged in manufacturing hard-rubber goods, such as sheets, rods and tubes, containers and other handling equipment for chemicals, battery boxes, combs, cigar and cigarette holders, hairpins, trays, comb blanks, insulators, and druggists' hard-rubber sundries
	3033	**Rubber flooring.** Establishments primarily engaged in manufacturing rubber tile and sheet flooring and wainscoting. The manufacture of rubber mats and mattings is classified in Industry 3051.
304		RUBBERIZED FABRICS AND VULCANIZED RUBBER CLOTHING.
	3041	**Rubberized fabrics and vulcanized rubber clothing.** Establishments primarily engaged in manutacturing rubber sheeting, rubberized fabrics, and vulcanized rubber clothing. Establishments primarily engaged in making garments from rubberized fabrics not produced in the same establishment are classified in Industry 2386, and those manufacturing rubber bathing caps and suits in Industry 3051.
305		RUBBER SUNDRIES AND SPONGE RUBBER.
	3051	**Rubber sundries.** Establishments primarily engaged in manufacturing rubber sundries including rubber water bottles and other medical rubber sundries (except hard rubber); rubber balloons, balls (except baseballs, basketballs, footballs, golf balls, and tennis balls), and other rubber toys; rubber bathing caps and suits; rubber mats and mattings; rubber gloves; rubber brushes, erasers, and bands; and rubber cement.
	3052	**Sponge rubber.** Establishments primarily engaged in manufacturing sponge rubber (including foamed latex) and sponge-rubber products.
309		MISCELLANEOUS RUBBER INDUSTRIES.
	3091	**Reclaimed rubber.** Establishments primarily engaged in reclaiming rubber. This industry does not include the reclaiming of rubber in plants primarily engaged in manufacturing rubber goods.
	3092	**Retreaded rubber tires.** Establishments primarily engaged in retreading rubber tires. This industry does not include the retreading of rubber tires in plants primarily engaged in manufacturing new tires. The rebuilding of tires in tire-repair shops is classified in Industry 8892.
	3093	**Tire sundries and repair materials.** Establishments primarily engaged in manufacturing camelback and other tire sundries and repair materials. This industry does not include establishments primarily engaged in manufacturing new tires and tubes (Industry 3011).

Major Group 31.—LEATHER AND LEATHER PRODUCTS

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather products and some similar articles made of fabric.

Group No.	Industry No.	
311		**LEATHER: TANNED, CURRIED, AND FINISHED.**
	3111	**Sole and belting leather.** Establishments primarily engaged in tanning, currying, and finishing sole and belting leather.
	3112	**Upper and lining leather.** Establishments primarily engaged in tanning and finishing upper and lining leather.
	3113	**Leather (except sole, belting, upper, and lining).** Establishments primarily engaged in manufacturing various types of leather (except sole, belting, upper, and lining) such as bookbinders', garment, glove, harness, bag, strap, and upholstery leather.
	3114	**Leather finishing, embossing, and japanning.** Establishments primarily engaged in finishing, embossing, japanning, and cutting leather on a contract basis.
	3115	**Leather currying.** Establishments primarily engaged in currying leather on a contract basis.
312		**INDUSTRIAL LEATHER BELTING AND PACKING.**
	3121	**Industrial leather belting and packing.** Establishments primarily engaged in manufacturing leather belting used for transmission of power, and leather packing. The manufacture of leather belts for personal wear is classified in Industry 2383, and of rubber belting in Industry 3031.
313		**BOOT AND SHOE CUT STOCK AND FINDINGS.**
	3131	**Boot and shoe cut stock.** Establishments primarily engaged in manufacturing soles, inner soles, and other shoe cut stock.
	3132	**Boot and shoe findings.** Establishments primarily engaged in manufacturing leather welting, shanks, heel and toe caps, leather shoe laces, finished wood heels, and other boot and shoe findings. The manufacture of heels, soling strips, and soles made of rubber, composition, and fiber is classified in Industry 3022.
314		**FOOTWEAR (EXCEPT RUBBER).**
	3141	**Footwear (except house slippers and rubber footwear).** Establishments primarily engaged in manufacturing boots, shoes, sandals, moccasins, and allied footwear, and leggings, overgaiters, etc., made chiefly of leather, but to some extent of canvas and other textiles. Establishments manufacturing house slippers are classified in Industry 3142, and those manufacturing rubber-soled canvas footwear and rubber footwear in Industry 3021.
	3142	**House slippers.** Establishments primarily engaged in manufacturing house slippers of leather or other materials.
315		**LEATHER GLOVES AND MITTENS.**
	3151	**Leather gloves and mittens.** Establishments primarily engaged in manufacturing gloves and mittens of leather only (except sporting athletic gloves—Industry 3949). Establishments manufacturing gloves and mittens of cloth and leather combines are classified in Industry 2381.
316		**LUGGAGE.**
	3161	**Suitcases, briefcases, bags, trunks, and other luggage.** Establishments primarily engaged in manufacturing suitcases, briefcases, bags, trunks, and related luggage of leather or other materials.
317		**HANDBAGS AND SMALL LEATHER GOODS.**
	3171	**Women's handbags and purses.** Establishments primarily engaged in manufacturing women's handbags and purses of leather or other materials.
	3172	**Small leather goods.** Establishments primarily engaged in manufacturing small leather articles, such as billfolds; card, cigarette, and key cases; coin purses; and checkbook covers.

Group No.	Industry No.	
319		**MISCELLANEOUS LEATHER GOODS.**
	3191	**Saddlery, harness, and whips.** Establishments primarily engaged in manufacturing saddles and parts, harness and parts, halters, horse boots, feed bags, whips and crops, whipstocks, and whip handles.
	3199	**Leather goods, not elsewhere classified.** Establishments primarily engaged in manufacturing miscellaneous leather goods not elsewhere classified, including embossed leather goods, leather desk sets, dog collars and other dog furnishings, leather handles for luggage, novelties, razor strops, and safety belts.

Major Group 32.—STONE, CLAY, AND GLASS PRODUCTS

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in manufacturing flat glass and glass containers, cement, structural clay products, pottery, concrete and gypsum products, cut-stone products, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports for mines and quarries are available, such establishments are classified in Division B, Mining; when separate reports are not available for mines and quarries operated by establishments classified in this major group, the mining and quarrying operations will be included in the reports classified here.

Group No.	Industry No.	
321		**FLAT GLASS.**
	3211	**Flat glass.** Establishments primarily engaged in manufacturing flat glass, including plate glass, clear window glass, opalescent sheet glass, and wire glass. These establishments may also manufacture laminated glass, but establishments manufacturing laminated glass from glass not produced in the same establishment are classified in Industry 3239.
322		**GLASS AND GLASSWARE, PRESSED OR BLOWN.**
	3221	**Glass containers.** Establishments primarily engaged in manufacturing glass containers for packing and bottling and for home canning.
	3229	**Glass and glassware, not elsewhere classified.** Establishments primarily engaged in manufacturing machine-made or hand-made glass tableware; glass blanks for electric light bulbs, light shades and reflectors, and other lighting glassware; glass tubing and other technical, scientific, and industrial pressed and blown glassware; fiberglass products; glass cooking and oven ware; glass brick; and other glass and glassware, not elsewhere classified. This industry includes the production of pressed lenses for headlights, lighthouses, and lanterns, but excludes the production of optical lenses (Industry 3913). This industry does not include the production of glass containers (Industry 3221), complete electric-light bulbs (Industry 3651), or complete lighting fixtures (Group 348).
323		**GLASS PRODUCTS NOT MADE BY GLASS MANUFACTURERS.**
	3231	**Mirrors.** Esablishments primarily engaged in manufacturing mirrors, from glass not produced in the same establishment.
	3239	**Glass products, not elsewhere classified (made of purchased glass).** Establishments primarily engaged in manufacturing glass products, not elsewhere classified, from glass not produced in the same establishment, including such products as stained, leaded, ornamented, and decorated glass; cutware; scientific-apparatus glass; glass novelties; mosaic glass; ground glass; cut, beveled, and etched glass; and glass watch crystals.
324		**CEMENT.** This group includes establishments primarily engaged in manufacturing cement. When separate reports for mines and quarries are available, such establishments are classified in Division B, Mining; when separate reports are not available, the reports of the manufacturing establishments classified in this group will include the quarrying operations.
	3241	**Portland cement.**
	3242	**Natural, masonry, and puzzolan cement.**
325		**STRUCTURAL CLAY PRODUCTS.** This group includes establishments primarily engaged in manufacturing structural clay products. When separate reports for mines and quarries are available, such establishments are classified in Division B, Mining; when separate reports are not available, the reports of the manufacturing establishments classified in this group will include the mining and quarrying operations.
	3251	**Brick and hollow tile.** Establishments primarily engaged in manufacturing clay brick and hollow structural tile. This industry does not include the manufacture of firebrick (Industry 3255), sand-lime brick (Industry 3296), or glass brick (Industry 3229).
	3252	**Terra cotta.** Establishments primarily engaged in manufacturing architectural terra cotta.

Group No. Industry No.

325 STRUCTURAL CLAY PRODUCTS—Continued.

3253 **Roofing, floor, and wall tile.**
Establishments primarily engaged in manufacturing roofing tile, floor tile, ceramic tile, mosaic tile, glazed or enameled tile including faience, and white glazed or other tile used as floor or wall tile except quarry tile. Establishments manufacturing hollow structural tile are classified in Industry 3251, and those manufacturing drain tile in Industry 3259.

3254 **Sewer pipe.**
Establishments primarily engaged in manufacturing sewer pipe and kindred products made of clay.

3255 **Clay refractories.**
Establishments primarily engaged in manufacturing firebrick and other heat-resisting clay products such as glass-house tank blocks, stoppers, floaters, and rings.

3259 **Structural clay products, not elsewhere classified.**
Establishments primarily engaged in manufacturing structural clay products such as stove lining, flue lining, chimney pipes and tops, wall coping, segment blocks, drain tile, and quarry or promenade tile.

326 POTTERY AND RELATED PRODUCTS.

3261 **Vitreous and semivitreous-china plumbing fixtures.**
Establishments primarily engaged in manufacturing vitreous and semivitreous-china plumbing fixtures from clay. Important products classified in this industry are bathroom and toilet fixtures, lowdown flush tanks; lavatories; and stalls.

3262 **Hotel vitreous china.**
Establishments primarily engaged in manufacturing vitreous-china tableware for hotel and restaurant use. The production of vitreous-china tableware for household use is classified in this industry.

3263 **Whiteware.**
Establishments primarily engaged in manufacturing semivitreous-china types of earthenware. Semivitreous-china plumbing fixtures are classified in Industry 3261, and earthenware other than semivitreous in Industry 3269.

3264 **Porcelain electrical supplies.**
Establishments primarily engaged in manufacturing porcelain electrical insulation materials from clay.

3265 **China firing and decorating.**
Establishments primarily engaged in firing and decorating china for the trade. Establishments firing and decorating china for individual order are classified in Industry 8999.

3269 **Pottery products, not elsewhere classified.**
Establishments primarily engaged in manufacturing crockery, earthenware, stoneware, and other pottery products not elsewhere classified.

327 CONCRETE, GYPSUM, AND PLASTER PRODUCTS.

This group includes establishments primarily engaged in manufacturing concrete, gypsum, and plaster products. When separate reports for mines and quarries are available, such establishments are classified in Division B, Mining; when separate reports are not available, the reports of the manufacturing establishments classified in this group will include the mining and quarrying operations.

3271 **Concrete products.**
Establishments primarily engaged in manufacturing concrete building blocks and shapes, pipe and conduit, and similar products such as poles, piling, septic tanks, garbage boxes, garden furniture, incinerators, and vaults made from a combination of stone or gravel, sand, and cement. This industry does not include contractors engaged in concrete construction work on buildings and bridges (Division C, Construction), and establishments engaged in mixing and delivering ready-mixed concrete (Industry 4134).

3272 **Gypsum products.**
Establishments primarily engaged in manufacturing plaster, plasterboard, and other products composed wholly or chiefly of gypsum.

3273 **Plasterboard (except gypsum), nonrigid thermal insulation, and floor composition.**
Establishments primarily engaged in manufacturing plasterboard (except gypsum—Industry 3272), nonrigid thermal insulation (except asbestos—Industry 3292, and mineral wool—Industry 3274); and floor compositions (except linoleum, asphalted-felt-base and cork—Industry 2263, and rubber flooring—Industry 3033). The manufacture of wallboard or insulation board in paperboard mills is classified in Industry 2627, and the manufacture of vegetable-fiber building board and insulation board in Industry 2628.

3274 **Mineral wool.**
Establishments primarily engaged in manufacturing mineral wool and mineral-wool products for insulation, made of such materials as rock, slag, and vermiculite ore.

3275 **Lime.**
Establishments primarily engaged in manufacturing lime from limestone, shells, and other substances.

Group No. Industry No.

328 **CUT-STONE AND STONE PRODUCTS.**

This group includes establishments primarily engaged in manufacturing cut-stone and stone products. When separate reports for mines and quarries are available, such establishments are classified in Division B, Mining; when separate reports are not available, the reports of the manufacturing establishments classified in this group will include the mining and quarrying operations.

3281 **Monuments and tombstones.**

Establishments primarily engaged in manufacturing monuments and tombstones from marble, granite, slate, and other stone, usually quarried by the same establishments engaged in cutting the stone to dimension. Establishments buying and selling finished or partly finished monuments and tombstones but doing no work on the stones other than lettering and finishing to custom order are classified in Industry 6199.

3289 **Cut-stone and stone products, not elsewhere classified.**

Establishments primarily engaged in cutting, shaping, and finishing marble, granite, slate, and other stone for building and miscellaneous uses, such as stone furniture and slate blackboards, but not monuments and tombstones (Industry 3281). The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in Major Group 14.

329 **ABRASIVE, ASBESTOS, AND MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS.**

3291 **Abrasive products.**

Establishments primarily engaged in manufacturing abrasive grinding wheels of emery, corundum, carborundum, and other natural or artificial materials; abrasive sticks, stones, bricks, paper, and cloths; and buffing and polishing wheels and abrasive grains, regardless of material. The cutting and finishing of grindstones at the quarry is classified in Major Group 14.

3292 **Asbestos products.**

Establishments primarily engaged in manufacturing asbestos textiles, asbestos building materials, and other commodities composed wholly or chiefly of asbestos, except steam and other packing, pipe and boiler covering, and gaskets (Industry 3293).

3293 **Steam and other packing, and pipe and boiler covering.**

Establishments primarily engaged in manufacturing packing for steam, water, and other pipe joints, and for engines, air compressors, etc.; insulating materials for covering boilers and pipes; and gaskets made of fiber, paper, or any combination of materials. Establishments manufacturing gaskets of two or more materials are included in this industry, whereas establishments manufacturing gaskets from one material only are classified according to the type of material used, such as cork gaskets in Industry 2592, rubber gaskets in Industry 3031, and leather gaskets in Industry 3121.

3294 **Natural graphite, ground and refined.**

Establishments primarily engaged in the extraction from the ore and the refining of natural graphite (plumbago or black lead).

3295 **Minerals and earths, ground or otherwise treated.**

Establishments primarily engaged in grinding, pulverizing, or otherwise treating certain earths, rocks, or minerals, such as barytes, borax, chalk, clays, Cornwall stone, feldspar, kaolin, mica, pumice, quartz, silica, and talc. This industry also includes establishments primarily engaged in crushing or grinding slag not produced in the same establishment. Establishments primarily engaged in mining materials used by this industry are classified in Major Group 14.

3296 **Sand-lime brick.**

Establishments primarily engaged in manufacturing sand-lime brick, block, and tile.

3297 **Nonclay refractories.**

Establishments primarily engaged in manufacturing crucibles and refractories made of materials other than clay. Crucibles and refractories made of clay are classified in Industry 3255.

3298 **Statuary and art goods (factory production).**

Establishments primarily engaged in the factory production of such articles as statuary, vases, urns, brackets, flower boxes, fountains, plaques, mantels, columns, panels, moldings, pedestals, ornamental plaster work, architectural sculptures, small images, and scagliola, except those made of stone (Industry 3289) or concrete (Industry 3271).

Major Group 33.—IRON AND STEEL AND THEIR PRODUCTS

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in the production of crude iron and steel from ore, pig iron, or scrap; in rolling, forging, or otherwise working crude iron and steel into semifinished products; and in fabricating a great variety of finished iron and steel manufactures. The manufacture of certain metal products is included in this group, regardless of the kind of metal used; such products, however, are usually made of iron or steel, and include hardware; steam fittings; stamped and pressed sheet-metal products; wire and wire products, other than insulated wire; and construction materials, such as ornamental metalwork, plumbers' supplies, domestic heating apparatus, and metal or metal-covered doors, shutters, window frames, and sash. This group does not include machinery and machine-tool attachments and dies (Major Group 35), automotive vehicles (Major Group 38), or other transportation equipment (Major Group 37).

Group No.	Industry No.	
331		**BLAST FURNACES, STEEL WORKS, AND ROLLING MILLS.**
	3311	**Blast furnaces.** Blast furnaces, independent merchant and captive (operated by iron and steel companies in conjunction with steel works), primarily engaged in manufacturing (from ore and scrap) pig iron, blast-furnace ferro-alloys, and castings made direct from the furnace. The manufacture of electric-furnace ferro-alloys is classified in Industry 2888.
	3312	**Steel works and rolling mills.** Establishments primarily engaged in converting pig iron, scrap iron, and scrap steel into steel and in hot rolling iron and steel. In many cases the processes of conversion and rolling are performed in the same plant. In many establishments the manufacturing processes are carried beyond the rolling stage. Important products classified in this industry are (1) unrolled steel; (2) semifinished rolled products such as blooms, billets, slabs, sheet, and tin-plate bars; (3) finished hot-rolled products and forgings such as pierced billets, rounds, and blanks for seamless pipes and tubes; rails; rail joints and fastenings; tie plates; structural shapes (not assembled or fabricated); concrete-reinforcing bars; merchant steel (carbon, alloy, and stainless) bars; iron bars; wire rods; bolt and nut rods; spike and chain rods; plates; sheets; strips, bands, flats, scroll, and hoops; skelp; axles; car and locomotive wheels; armor plate; shells and projectiles; gun forgings and other ordnance; and plain sheet piling; and (4) further manufactured products such as wire and wire products, tin plate and terneplate, pipes and tubes, galvanized plates and sheets, bolts, nuts, and rivets made in departments operated in connection with steel works and rolling mills from finished rolling-mill and foundry products. Tin plate and terneplate are manufactured exclusively and other products in the fourth group are manufactured to a considerable extent in departments of steel works and rolling mills. The production of steel castings by independent steel foundries is classified in Industry 3323.
332		**IRON AND STEEL FOUNDRY PRODUCTS.**
	3321	**Gray-iron and semisteel castings.** Establishments primarily engaged in manufacturing gray-iron and semisteel castings. The manufacture of cast-iron pipe and cast-iron fittings is classified in Industry 3324.
	3322	**Malleable-iron castings.** Establishments primarily engaged in manufacturing malleable-iron castings.
	3323	**Steel castings.** Establishments primarily engaged in manufacturing steel castings.
	3324	**Cast-iron pipe and fittings.** Establishments primarily engaged in manufacturing cast-iron pipe and cast-iron pipe fittings.
333		**TIN CANS AND OTHER TINWARE.**
	3331	**Tin cans and other tinware.** Establishments primarily engaged in manufacturing packers' cans, beer cans, general-line cans, terneplate oil containers, and milk and ice-cream cans, from tinplate produced in other establishments.
334		**WIRE PRODUCTS.**
	3341	**Wire drawing.** Establishments primarily engaged in drawing wire from iron, steel, or nonferrous-metal rods not produced in the same establishment. Iron and steel wire produced by wire-drawing departments of rolling mills is classified in Industry 3312.
	3342	**Nails and spikes.** Establishments primarily engaged in manufacturing wire and cut nails, brads, spikes, staples, and tacks from rods not produced in the same establishment. Wire nails, brads, spikes, and staples are made chiefly in wire mills (Industry 3341) and in wire-drawing departments of rolling mills (Industry 3312).

Group No. Industry No.

334 **WIRE PRODUCTS**—Continued.

3349 **Wirework, not elsewhere classified.**
Establishments primarily engaged in manufacturing fabricated ferrous and nonferrous wire products such as wire fencing, fly screening, wire cloth and netting, uninsulated wire rope and cable, barbed wire, tire chains, bale ties, concrete-reinforcing wire, wire springs, welding wire, wire guards, partitions, grill work, wire trays and baskets, and kitchen wire goods. Establishments classified in this industry use wire not produced in the same establishment. Wire products are manufactured, to a considerable extent, in wire-product departments of wire-drawing mills (Industry 3341) and in wire departments of iron and steel rolling mills (Industry 3312). The production of insulated wire from plain wire not produced in the same establishment is classified in Industry 3631.

335 **HAND TOOLS, CUTLERY, AND GENERAL HARDWARE.**

3351 **Cutlery and edge tools.**
Establishments primarily engaged in manufacturing all kinds of edge tools such as scythes, grass hooks, hay knives, axes, hatchets; chisels, drawknives, and cutting dies for use in cutting cloth, paper, and leather; and cutlery, including table cutlery (except sterling-silver and silver-plated cutlery—Industry 3454), kitchen cutlery, scissors, clippers, razors, safety-razor blades, dry shavers, pocket knives, butcher knives, and cleavers. Meat-cutting dies are classified in Industry 3543.

3352 **Tand tools.**
Establishments primarily engaged in manufacturing hand tools such as hammer, wrenches, pliers, screw drivers, shovels, forks, rakes, and a variety of special tools used by garage men, jewelers, stonecutters, ironworkers, etc. This industry does not include the manufacture of edge tools (Industry 3351), files (Industry 3353), saws (Industry 3354), or power-driven hand tools (Industry 3543).

3353 **Files.**
Establishments primarily engaged in manufacturing and recutting files and rasps.

3354 **Saws.**
Establishments primarily engaged in manufacturing hand saws and saw blades for hand and power-driven saws. The manufacture of power-driven saws is classified in Major Group 35.

3359 **Hardware, not elsewhere classified.**
Establishments primarily engaged in manufacturing miscellaneous metal products usually termed "hardware" and not elsewhere classified. Important products classified in this industry are door locks, lock sets, and other builders' hardware; motor-vehicle hardware; hardware for caskets, furniture, cabinets, saddlery, harness, trunks, and suitcases; locks and padlocks; vacuum bottles and jugs; and marine hardware. This industry does not include bolts and nuts (Industry 3391), nails and spikes (Industry 3342), cutlery (Industry 3351), or hand tools (Industry 3352).

336 **HEATING APPARATUS, ENAMELED-IRON SANITARY WARE, AND BOILER-SHOP PRODUCTS.**

3361 **Enameled-iron sanitary ware and other plumbers' supplies.**
Establishments primarily engaged in manufacturing enameled-iron sanitary ware such as bathtubs, sinks, lavatories, and laundry tubs, and plumbers' brass goods such as faucets, spigots, valves, and fittings. This industry does not include establishments primarily engaged in manufacturing vitreous and semi-vitreous china sanitary ware (Industry 3261) or vitreous-enameled kitchen, household, and hospital ware (Industry 3371).

3362 **Stoves, ranges, water heaters, and hot-air furnaces.**
Establishments primarily engaged in manufacturing stoves, ranges, warm-air furnaces, space heaters, water heaters, and accessories. This industry does not include the manufacture of electric heating equipment (Industry 3621).

3363 **Oil burners, domestic and industrial.**
Establishments primarily engaged in manufacturing burners consuming distillate or fuel oil, used for application to heating and cooking equipment and for industrial-process equipment and for generating steam for power. Boiler-burner units, complete, are classified in Industry 3365, and hot-air furnaces in Industry 3362.

3364 **Power boilers and associated products.**
Establishments primarily engaged in manufacturing power boilers, smokestacks, heavy tanks, plate work (cut, punched, and shaped for assembly on job), and similar boiler-shop products.

3365 **Steam and hot-water heating apparatus (including hot-water furnaces).**
Establishments primarily engaged in manufacturing cast-iron and steel steam and hot-water heating boilers and parts, cast-iron and nonferrous radiators; gas and oil-fired radiators, gas and oil-boiler burner units, complete.

3366 **Steam fittings.**
Establishments primarily engaged in manufacturing steam fittings and specialties, such as thermostats and other temperature-control devices, gages, regulators, traps, and reducing valves.

3369 **Heating equipment, not elsewhere classified.**
Establishments primarily engaged in manufacturing heating equipment, except electric, not elsewhere classified, such as incubators, brooders, incinerators, unit heaters, gas burners, portable ovens, and steam tables.

Group No. Industry No.

337 **METAL STAMPING AND COATING.**

3371 **Vitreous-enameled products.**
Establishments primarily engaged in manufacturing vitreous-enameled kitchen, household, and hospital utensils; table tops; refrigerator, stove, and washing-machine parts; etc. The production of enameled plumbing fixtures is included in Industry 3361.

3372 **Automobile stampings.**
Establishments primarily engaged in manufacturing automobile stampings. Establishments assembling complete automobile parts are classified in Industry 3831.

3373 **Stamped and pressed metal products (except automobile stampings).**
Establishments primarily engaged in manufacturing metal stampings primarily of steel, such as bottle caps and tops, stamped household and hospital utensils, perforated metal, and stamped and pressed machine parts. This industry includes metal stamping and spinning for the trade. It does not include automobile stampings (Industry 3372), stamped vitreous-enamled products (Industry 3371), or the stamping and spinning of nonferrous metals (Major Group 34).

3374 **Enameling, japanning, and lacquering.**
Establishments primarily engaged in enameling, japanning, and lacquering metal products for the trade.

3375 **Galvanizing and other coating.**
Establishments primarily engaged in galvanizing iron sheets or formed products; in coating iron sheets or formed products with aluminum, lead, or zinc; and in retinning cans and utensils. Galvanizing, tinning, and other coating done in rolling mills is classified in Industry 3312.

338 **FABRICATED STRUCTURAL METAL PRODUCTS.**

3381 **Fabricated structural steel.**
Establishments primarily engaged in manufacturing fabricated iron and steel for structural purposes. Important products classified in this industry are structural steel, stairs and staircases, fire escapes, grilles, railings, iron fences and gates, fence posts, fabricated bars and rods for reinforcing concrete, and portable buildings. Fabrication work done by construction contractors at the place of construction is classified in Division C, Construction.

3382 **Ornamental metal work.**
Establishments primarily engaged in manufacturing architectural ornamental and metal-covered doors and sash, window and door frames, store by construction contractors at the place of construction is classified in Division C, Construction.

3383 **Metal doors, sash, frames, molding, and trim.**
Establishments primarily engaged in manufacturing ferrous and nonferrous metal and metal-covered doors and sash, window and door frames, store fronts, molding, and trim.

33X **ORDNANCE AND ACCESSORIES.**

33X1 **Guns, howitzers, mortars, and related equipment.**
Establishments primarily engaged in manufacturing naval, aircraft, antiaircraft, tank, coast, and field artillery, including mortars, having a bore greater than 0.60 inch (caliber .60), and component parts. This industry includes the manufacture of gun turrets, mounts, carriages, and limbers; turret and mount parts—cast, forged, and machined. The manufacture of small arms and parts (caliber .60 and under) is classified in Industry 3397.

33X2 **Ammunition, except for small arms.**
Establishments primarily engaged in manufacturing ammunition over caliber .60 for naval, aircraft, antiaircraft, tank, coast, and field artillery, including component parts (cartridge cases, projectile forgings, fuzes, etc.), mortar, ammunition, grenades, bombs, mines and mine parts, torpedoes, and chemical-warfare projectiles. This industry includes the loading and assembly of all ammunition except small-arms ammunition (caliber .60 and under). The manufacture of small-arms ammunition is classified in Industry 2892, explosives in Industry 2884, and pyrotechnics in Industry 2897.

33X3 **Tanks.**
Establishments primarily engaged in manufacturing tanks, universal carriers, and tank parts, excluding tank armament (Industry 33X1). The manufacture of military vehicles other than tanks and universal carriers is classified in Major Group 38.

33X4 **Sighting and fire-control equipment.**
Establishments primarily engaged in manufacturing sighting and fire-control equipment, such as bomb sights, gun data computers, percentage correctors, wind correctors, directors, and sound locators. The manufacture of optical sighting and optical fire-control instruments is classified in Industry 3913.

33X9 **Ordnance and accessories, not elsewhere classified.**
Establishments primarily engaged in manufacturing torpedo tubes, Y-guns, and other ordnance and accessories, not elsewhere classified.

339 **MISCELLANEOUS IRON AND STEEL PRODUCTS.**

3391 **Bolts, nuts, washers, and rivets.**
Establishments primarily engaged in manufacturing bolts, nuts, rivets, lock washers, plain washers, turnbuckles, and toggle bolts. The manufacture of these products in rolling mills is classified in Industry 3312. The production of machine screws is classified in Industry 3395.

Group No. Industry No.

239 MISCELLANEOUS IRON AND STEEL PRODUCTS—Continued.

3392 **Iron and steel forgings.**
Establishments primarily engaged in manufacturing light and heavy drop, board, and steam-hammer forgings, with or without the use of dies, such as chains, anchors, axles, frogs, and forged parts for automotive equipment, machinery, and railway equipment. Iron and steel forgings made in rolling mills are classified in Industry 3312.

3393 **Wrought pipes, welded and heavy-riveted.**
Establishments primarily engaged in manufacturing welded pipe and tubes, and lock-joint and heavy-riveting pipe. Establishments primarily engaged in manufacturing seamless pipe and tubes are classified in Industry 3312. Welded and heavy-riveted pipe made in rolling mills is classified in Industry 3312.

3394 **Steel springs.**
Establishments primarily engaged in manufacturing leaf springs, hot-wound springs, and coiled flat springs. The production of wire springs is classified in Industry 3349. Steel springs manufactured in rolling mills are classified in Industry 3312.

3395 **Screw-machine products and wood screws.**
Establishments primarily engaged in manufacturing machine screws, cap and set screws, other small articles made on screw machines, and wood screws. The manufacture of nuts and bolts is classified in Industry 3391.

3396 **Steel barrels, kegs, and drums.**
Establishments primarily engaged in manufacturing light and heavy type steel barrels and drums, and steel packages and kegs.

3397 **Firearms.**
Establishments primarily engaged in manufacturing small firearms having a bore of 0.60 inch (caliber .60) and under, such as machine guns and other automatic arms, pistols, revolvers, rifles, and shotguns; and parts for small firearms. Establishments primarily engaged in manufacturing naval, aircraft, antiaircraft, tank, coast, and field artillery, including mortars, having a bore greater than 0.60 inch (caliber .60), and component parts, are classified in Industry 33X1.

3398 **Safes and vaults.**
Establishments primarily engaged in manufacturing safes and vaults (except grave vaults—Industry 3271), vault doors and linings, safe-deposit boxes and chests, and safe locks.

3399 **Iron and steel products, not elsewhere classified.**
Establishments primarily engaged in manufacturing flat bright cold-rolled strip (including razor-blade strip), cold-rolled sheets, and cold-finished steel bar. This industry also includes the annealing, heat treating, tempering, and hardening of steel for the trade.

Major Group 34.—NONFERROUS METALS AND THEIR PRODUCTS

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in the primary and secondary smelting and refining of nonferrous metals; in the alloying, rolling, and drawing of nonferrous metals; and in the manufacturing of nonferrous-metal products. This group includes establishments manufacturing ferrous and nonferrous sheet-metal products not elsewhere classified; establishments electroplating, plating and polishing, and engraving metal except for printing purposes; and establishments engaged in lapidary work. Some of the nonferrous metals are used to a large extent in manufacturing products assigned to other major groups, such as ornamental metal work and wire screening (Maor Group 33).

Group No.	Industry No.	
341		**PRIMARY SMELTING AND REFINING OF NONFERROUS METALS.** Establishments primarily engaged in the smelting of nonferrous metal ores and in the primary refining of nonferrous metals and their casting into blocks, slabs, pigs, ingots, or bars.
	3411	**Primary smelting and refining of copper.**
	3412	**Primary smelting and refining of lead.**
	3413	**Primary smelting and refining of zinc.**
	3414	**Primary refining of aluminum.** Establishments primarily engaged in the primary production of aluminum from bauxite and other aluminum ores.
	3415	**Primary refining of magnesium.**
	3416	**Primary refining of precious metals.** Establishments primarily engaged in the primary refining of gold, silver, platinum, and iridium. The production of bullion at the site of the mine is classified in Group 104.
	3419	**Primary smelting and refining of nonferrous metals, not elsewhere classified.** Establishments primarily engaged in the primary smelting and refining of cobalt, nickel, tin, cadmium, antimony, and other nonferrous metals, not elsewhere classified.
342		**SECONDARY SMELTING AND REFINING OF NONFERROUS METALS AND ALLOYS.** Establishments primarily engaged in recovering nonferrous metals and alloys from new and used scrap and from dross and their casting into blocks, slabs, pigs, ingots, or bars, but without further fabrication. This group does not include establishments primarily engaged in the rolling, drawing, casting, and other fabricating of nonferrous metals and alloys. Establishments engaged in assembling, breaking up, and sorting scrap metal without smelting and refining are classified in Division E, Wholesale and Retail Trade.
	3421	**Secondary smelting and refining of precious metals.** Establishments primarily engaged in smelting, refining, and alloying of precious metals such as gold, silver, platinum, and iridium from sweepings, clippings, and scrap.
	3422	**Secondary smelting and refining of aluminum and aluminum alloys.**
	3429	**Secondary smelting and refining of nonferrous metals and alloys, not elsewhere classified.** Establishments primarily engaged in the secondary smelting and refining of nonferrous metals and their alloys, except precious metals (Industry 3421) and aluminum and its alloys (Industry 3422).
343		**ROLLING, DRAWING, AND ALLOYING OF NONFERROUS METALS (EXCEPT ALUMINUM).**
	3431	**Rolling and drawing of copper and copper alloys.** Establishments primarily engaged in rolling and drawing copper, brass, bronze, and monel-metal plates, rods, sheets, wire, and tubing. Alloying processes necessary for producing alloys to be rolled and drawn by the same establishments or to be sold as virgin metal alloys in ingots are included in this industry. Establishments primarily engaged in recovering copper and its alloys from scrap and casting these metals into ingots, pigs, or bars are classified in Industry 3429.
	3439	**Alloying, and rolling and drawing of nonferrous metals, not elsewhere classified.** Establishments primarily engaged in manufacturing nonferrous-metal alloys other than copper and aluminum alloys. This industry includes the manufacture of white-metal, antifriction metal, babbitt metal, type metal, and solder. This industry also includes establishments primarily engaged in rolling and drawing of nonferrous metals and their alloys except copper and aluminum and their alloys (Industries 3431 and 3441). Establishments primarily engaged in recovering these alloys from scrap and casting to be sold in the form of ingots, pigs, or bars are classified in Group 342.

Group No. Industry No.

344 ALUMINUM AND MAGNESIUM PRODUCTS.

3441 Aluminum products.
Establishments primarily engaged in manufacturing aluminum castings, bars, rods, plates, tubing, pipe, wire, and sheets; stamped, spun, or cast aluminum ware such as kitchen and hospital utensils; household appliances (except electric—Industry 3621) and other aluminum products. The extraction of aluminum from the ore is classified in Industry 3414, the recovery of aluminum from scrap in Industry 3422, and the fabrication of aluminum foil in Industry 3494.

3442 Magnesium products.
Establishments primarily engaged in manufacturing magnesium castings, bars, rods, plates, tubing, pipe, wire, and sheets; and other magnesium products.

345 JEWELRY, SILVERWARE, AND PLATED WARE.

3451 Jewelry.
Establishments primarily engaged in manufacturing, from precious metals with or without precious stones, jewelry and other articles to be worn on or carried about the person such as cigarette cases and lighters, vanity cases, and compacts; trimmings for umbrellas, canes, etc.; and jewel settings and mountings. Costume-jewelry manufacturing is classified in Industry 3971 and the production of custom-made jewelry in Industry 8931.

3452 Jewelers' findings and materials.
Establishments primarily engaged in manufacturing unassembled jewelry parts and stock-shop products such as sheet, wire, and tubing. The preparation of gems and stones for use in the manufacture of jewelry and other products is classified in Industry 3453.

3453 Lapidary work.
Establishments primarily engaged in all types of lapidary work for the trade, including cutting and polishing diamonds and other precious stones; drilling pearls; recutting and setting stones; preparing jewels for surveyors' and electrical instruments and for watches and chronometers; and preparing real and imitation stones for settings.

3454 Silverware and plated ware.
Establishments primarily engaged in manufacturing flatware (including knives, forks, and spoons), hollow ware, toilet ware, and ecclesiastical ware, made of solid silver; of metal plated with silver, gold, or other metal; of nickel-silver; or of pewter.

346 WATCHES AND CLOCKS.

3461 Watches, clocks, materials, and parts (except watchcases).
Establishments primarily engaged in manufacturing clocks (including electric), watches, and other clockwork-operated devices such as time-recording instruments and time locks, and clock and watch materials and parts. This industry includes establishments primarily engaged in assembling clocks and watches from movements and cases not produced in the same establishment. This industry does not include establishments primarily engaged in manufacturing watchcases (Industry 3462), glass crystals (Industry 3239), or unbreakable crystals (Industry 3994).

3462 Watchcases.

347 ENGRAVING, PLATING, AND POLISHING.

3471 Engraving on metal.
Establishments primarily engaged in engraving, chasing, and etching on jewelry, silverware, notarial seals, and other nonferrous-metal products, for the trade, for purposes other than printing.

3472 Electroplating, plating, and polishing.
Establishments primarily engaged in electroplating, plating, and metal-polishing work for the trade.

348 LIGHTING FIXTURES.

3481 Electric-lighting fixtures.
Establishments primarily engaged in manufacturing electric-lighting fixtures and other lighting equipment for homes, offices, public buildings, and outdoor use; electric lamps and headlights for motor vehicles, locomotives, etc.; electric searchlights, spotlights, and floodlights; and electric lamps. The production of complete electric bulbs is included in Industry 3651 and of glass blanks for electric bulbs in Industry 3229.

3482 Lighting fixtures (except electric).
Establishments primarily engaged in manufacturing lighting fixtures and equipment of any type other than electric-lighting fixtures (Industry 3481), including carbide, kerosene, and gasoline lamps, gas-lighting fixtures, and metal reflectors and fittings. Establishments producing lighting glassware are classified in Industry 3229.

349 MISCELLANEOUS NONFERROUS-METAL PRODUCTS.

3491 Nonferrous-metal foundries (except aluminum).
Nonferrous-metal foundries primarily engaged in manufacturing castings, die castings, forgings, and similar products of nonferrous metals except aluminum (Industry 3441).

3492 Collapsible tubes.

Group No.	Industry No.	
349		**MISCELLANEOUS NONFERROUS-METAL PRODUCTS**—Continued.
	3493	**Gold and silver foil.** Gold-beating establishments primarily engaged in manufacturing packs or rolls of gold or silver foil.
	3494	**Tin and other foil (except gold and silver foil).** Establishments primarily engaged in manufacturing tin, aluminum, and other foil except gold and silver (Industry 3493).
	3495	**Sheet-metal work.** Establishments primarily engaged in manufacturing cornices, ventilators, skylights, gutters, and other types of sheet-metal work for buildings (but not fabrication work done by construction contractors at the place of construction) and manufacturing sheet-metal stovepipes, light tanks, bins, furnace casings, etc.
	3499	**Nonferrous-metal products, not elsewhere classified.** Establishments primarily engaged in manufacturing nonferrous-metal products, not elsewhere classified, such as nonferrous-metal kitchen, household and hospital utensils (except aluminum—Industry 3441) and metal novelties and specialties not made in foundries.

Major Group 35.—MACHINERY (EXCEPT ELECTRICAL)

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in manufacturing machinery and prime movers other than electrical equipment (Major Group 36). Machines powered by built-in or detachable electric motors ordinarily are included in this major group, with the exception of electrical household appliances (Major Group 36). Portable tools, both electric and pneumatic powered, generally are included in this major group, but hand tools, not power driven, are classified in Major Group 33.

Group No.	Industry No.	
351		ENGINES AND TURBINES.
	3511	**Steam engines, turbines, and water wheels.** Establishments primarily engaged in manufacturing steam engines, steam turbines, water wheels, water turbines. This industry does not include the production of locomotives (Industry 3711) or turbo-generators (Industry 3619).
	3512	**Diesel and semi-Diesel engines.** Establishments primarily engaged in manufacturing Diesel or semi-Diesel engines for stationery, marine, automotive, traction, or other use.
	3519	**Internal-combustion engines, not elsewhere classified.** Establishments primarily engaged in manufacturing internal-combustion engines, not elsewhere classified. Establishments manufacturing aircraft engines are classified in Industry 3722, automobile engines in Industry 3831, and Diesel and semi-Diesel engines in Industry 3512.
352		AGRICULTURAL MACHINERY AND TRACTORS.
	3521	**Tractors.** Establishments primarily engaged in manufacturing farm or industrial tractors.
	3522	**Agricultural machinery, except tractors.** Establishments primarily engaged in manufacturing agricultural machinery and equipment except tractors (Industry 3521) for use in the preparation or maintenance of the soil, planting and harvesting of the crop, preparing crops for market, or performing other operations and processes pertaining to agriculture. Establishments manufacturing agricultural hand tools and certain forged parts such as plowshares are included in Major Group 33.
353		CONSTRUCTION AND MINING MACHINERY.
	3531	**Construction and similar machinery (except mining and oil-field machinery and tools).** Establishments primarily engaged in manufacturing heavy machinery used by the construction industries for portable or fixed plant operation in dredging, excavating, and road building.
	3532	**Oil-field machinery and tools.** Establishments primarily engaged in manufacturing machinery and tools for use in oil and gas fields. Similar equipment for use in drilling water wells is also included.
	3533	**Mining machinery and equipment.** Establishments primarily engaged in manufacturing machinery and equipment for use in mining, including mine hoists, ore-crushing and stamping-mill machinery, flotation and concentration machinery, screeners, coal and ore conveyors, coal cutters, coal breakers, and mining cars. This industry does not include establishments primarily engaged in manufacturing dredging machinery (Industry 3531) or well-drilling machinery (Industry 3532).
354		METALWORKING MACHINERY.
	3541	**Machine tools.** Establishments primarily engaged in manufacturing machine tools which are power-driven machines employing a cutting tool for work on metal. Important products classified in this industry are boring machines (including horizontal boring, drilling, and milling combined); boring mills; broaching machines; cutting-off machines; drilling machines; filing machines; gear-cutting machines; gear-chamfering, gear-tooth grinding, shaving, and burnishing machines; grinding machines; honing machines; lapping machines; lathes (plain bench, screw-cutting bench, engine, automatic single-spindle and multiple-spindle, turret, and polishing and buffing); milling machines; planers; shapers; threading machines; replacement and repair parts for machine tools. The rebuilding of machine tools is included in this industry. Machine-tool accessories, dies, and machinists' precision tools are classified in Industry 3543. This industry does not include establishments primarily engaged in manufacturing machinery for the shaping, pressing, or forging of metal, where the shaping action of such machines is not dependent upon a cutting tool (Industry 3542).

Group No. Industry No.

354 **METALWORKING MACHINERY**—Continued.

3542 **Metalworking machinery, except machine tools.**

Establishments primarily engaged in manufacturing machinery for the shaping, pressing, or forging of metal, where the shaping action of such machines is not dependent upon a cutting tool. Important products classified in this industry are bending machines; can forming and soldering, and other sheet-metal-working machinery; die-casting machines; forging machines, such as drop hammers (impression die), forging hammers (flat die), forging presses, hull-dozers, and upsetters; portable metalworking tools, including electric and pneumatic drills, and hammers (chipping, riveting, and calking), and flexible-shaft machines; presses—forming, stamping, and punch; riveting machines (not portable); rod and wire forming and fabricating machines; rolling mill machinery and equipment; shears; spring winding and forming machines; acetylene welding and cutting apparatus; wire-drawing machines; and replacement and repair parts. Electric welding apparatus is classified in Industry 3619.

3543 **Machine-tool accessories, other metalworking-machinery accessories, and machinists' precision tools.**

Establishments primarily engaged in manufacturing (1) attachments and accessories for machine tools and other metalworking machinery; (2) small power-driven cutting and shaping tools and tool holders; and (3) precision measuring tools. Important products classified in this industry are (1) attachments for lathes, boring, drilling, and milling machines, and other machine tools; balancing machines; die-casting dies; jigs, fixtures drop-forging dies, forming and stamping punches, and subpresses; tools for screw and automatic machines; and semifinished products such as die sets, leather pins, dowel pins, and die springs; (2) arbors and collars; broaches; collets or sockets; counterbores; countersinks; countersink-drill combinations; drills; cutters; reamers; threading tools (taps, dies, and pipe-threading tools); and other cutting tools and tool holders; and (3) precision measuring tools (micrometers and verniers); gages (plug, ring, snap, and thread); and other measuring tools. Hand tools (except power driven) are classified in Group 335.

355 **SPECIAL-INDUSTRY MACHINERY (EXCEPT METALWORKING MACHINERY).**

3551 **Food-products machinery.**

Establishments primarily engaged in manufacturing machinery for use by the food-products and beverage manufacturing industries in the preparation, canning, or packaging of food products. Important products classified in this industry are bakers' machinery and equipment (bake ovens, bread-slicing machines, wrapping machines, combination slicing-and-wrapping machines, and dough mixers); bottlers' machinery; canning machinery; chocolate and confectionery machinery; ice-cream-making, butter-making, and butter-working machinery; cream separators; pasteurizers; flour-mill and grain-mill machinery; packing-house machinery; sugar-mill machinery; coffee-roasting and coffee-grinding machines, food choppers and grinders, food mixers, and slicing (other than bread-slicing) machines—power driven; peanut roasters; popcorn machines; and parts and attachments. Refrigeration machinery is classified in Industry 3584.

3552 **Textile machinery.**

Establishments primarily engaged in manufacturing machinery for the textile industries. Important products classified in this industry are (1) fiber-to-fabric machinery, such as picker, carding, combing, garnetting, and spinning machines, doubling and twisting frames, winders, and beaming, warping, and slashing machines; (2) fabric machinery, such as knitting and braiding machines, looms for weaving, and Jacquard, lace, net, embroidery, cordage, and rope machines; (3) machinery for bleaching, dyeing, printing, mercerizing, finishing, and drying stock, yarn, and cloth; and (4) extra parts attachments, and accessories. This industry does not include domestic or industrial sewing machines (Industry 3583).

3553 **Woodworking machinery.**

Establishments primarily engaged in manufacturing machinery for sawmills, planing mills, cabinet and furniture makers pattern makers and veneer workers; small woodworking machinery for home, shop, and professional craftsmen; and portable electric woodworking tools. Hand tools such as planes, axes, and drawknives are classified in Group 335.

3554 **Paper-industries machinery.**

Establishments primarily engaged in manufacturing machinery for the paper-pulp, paper, and paper-product industries. Manufacturers of printing-trades machinery are classified in Industry 3555.

3555 **Printing-trades machinery and equipment.**

Establishments primarily engaged in manufacturing machinery and equipment used by the printing and bookbinding trades. Important products classified in this industry are bookbinding and photoengraving machinery; printers' machinery such as presses, typesetting, typefounding, electrotyping and stereotyping machines; engravers' equipment (metal plates, wood blocks, and lithographic stones); printers' rollers, rules, sticks, blocks, and type cases; and type, leads, and slugs. Manufacturers of textile-printing machinery are classified in Industry 3552.

3559 **Special-industry machinery, not elsewhere classified.**

Establishments primarily engaged in manufacturing special-industry machinery, not elsewhere classified, such as smelting and refining equipment, cement-making, clay-working, cotton-ginning, glass-making, hat-making, incandescent lamp-making, leather-working, paint-making, rubber-working tobacco-working, cigar and cigarette-making, shoe, and stone-working machinery.

Group No. Industry No.

356 **GENERAL INDUSTRIAL MACHINERY.**

3561 **Pumps, air and gas compressors, and pumping equipment.**
Establishments primarily engaged in manufacturing pumps, compressors, and pumping equipment for general industrial use, including pumps and other equipment commonly used in automobile service and filling stations for dispensing gasoline, oil, air, and grease; other hand and power-driven pumps; domestic water systems and pumps; oil-well pumps; air compressors; gas compressors (except ice-making, refrigerating, and air-conditioning units); and spraying and dusting outfits for paint and chemicals.

3562 **Elevators, escalators, and conveyors.**
Establishments primarily engaged in manufacturing elevators (including automobile lifts and dumb-waiters), escalators, and conveyor systems and equipment, except coal and ore conveyors (Industry 3533).

3563 **Industrial cars and trucks.**
Establishments primarily engaged in manufacturing industrial cars and trucks for use in conveying materials within the confines of a plant. This industry does not include establishments manufacturing vehicular and automotive cars and trucks (Major Group 38), farm or industrial tractors (Industry 3521), or mining cars (Industry 3533).

3564 **Blowers; exhaust and ventilating fans.**
Establishments primarily engaged in manufacturing blowers, and exhaust and ventilating fans for general industrial, commercial, and household use, including attic fans, blower filter units (furnace blowers), and fans for mechanical draft. This industry does not include establishments manufacturing complete air-conditioning units (Industry 3584) or circulating fans for use in free air, such as desk, pedestal, or wall-type fans (Industry 3621).

3565 **Mechanical measuring instruments.**
Establishments primarily engaged in manufacturing mechanical measuring instruments, except electric meters (Industry 3613), watches and clocks (Group 346), and measuring and dispensing pumps (Industry 3561). Important products classified in this industry are meters for gas and water and other liquids; flow indicating, recording, and controlling equipment; pressure indicating, recording, and controlling equipment, and gages and controls such as gages for measuring direction, pressure, and speed. Automobile gages are classified in Industry 3831, and steam and water gages in Industry 3366.

3566 **Mechanical power-transmission equipment.**
Establishments primarily engaged in manufacturing mechanical power-transmission equipment such as clutches, drives, shafts, ball and roller bearings, and parts for such equipment. This industry does not include establishments manufacturing forged parts for automotive equipment, machinery, and railroad equipment (Industry 3392). Establishments primarily engaged in manufacturing automobile power-transmission equipment are classified in Industry 3831.

3567 **Mechanical stokers, domestic and industrial.**
Establishments primarily engaged in manufacturing mechanical domestic (coal capacity per hour 100 pounds and under) and industrial (coal capacity per hour over 100 pounds) stokers for anthracite and bituminous coal, hopper fed, and those with a conveyor for direct feed from the bin.

3569 **General industrial machinery and machine-shop products, not elsewhere classified.**
Establishments primarily engaged in manufacturing machinery for general use, for which no special classification is provided, and machine shops primarily engaged in producing machine parts and equipment, other than complete machines, for the trade. This industry does not include machine shops primarily engaged in repair work (Industry 8999).

357 **OFFICE AND STORE MACHINES AND DEVICES.**

3571 **Computing machines and cash registers.**
Establishments primarily engaged in manufacturing adding, calculating, tabulating, and bookkeeping machines, and cash registers. This industry does not include establishments manufacturing typewriters (Industry 3572) or office duplicating machines and devices (Industry 3579).

3572 **Typewriters.**
Establishments primarily engaged in manufacturing typewriters and parts.

3573 **Vending, amusement, and other coin-operated machines.**
Establishments primarily engaged in manufacturing vending, amusement, and other coin-operated machines. This industry does not include establishments manufacturing coin-operated phonographs (Industry 3661), scales and balances (Industry 3574), and photographic apparatus (Industry 3912). Manufacturers of coin-operated mechanisms for use in such devices are included in this industry.

3574 **Scales and balances.**
Establishments primarily engaged in manufacturing weighing devices of all types, including those with automatic computing mechanism and coin-operated scales.

3579 **Office and store machines and devices, not elsewhere classified.**
Establishments primarily engaged in manufacturing store and office machines and devices, such as mimeograph and addressing machines and other duplicating devices; mailing and card-punching machines; and check-writing, signing, and canceling machines, perforators, and other protective devices. This industry does not include the manufacture of computing machines and cash registers (Industry 3571), typewriters (Industry 3572), or photostat equipment (Industry 3912).

Group No.	Industry No.	
358		**HOUSEHOLD AND SERVICE-INDUSTRY MACHINES.**
	3581	**Domestic laundry equipment.** Establishments primarily engaged in manufacturing laundry equipment such as washing machines, wringers, driers, and ironers for household use. This industry does not include establishments manufacturing commercial laundry equipment (Industry 3582).
	3582	**Commercial laundry, dry-cleaning, and pressing machines.** Establishments primarily engaged in manufacturing laundry and dry-cleaning equipment and pressing machines for commercial use. This industry does not include establishments manufacturing domestic laundry equipment (Industry 3581).
	3583	**Sewing machines.** Establishments primarily engaged in manufacturing sewing machines for domestic or industrial use.
	3584	**Refrigerators and equipment and complete air-conditioning units.** Establishments primarily engaged in manufacturing mechanical and absorption refrigerators, refrigeration machinery and equipment, and complete air-conditioning units, for domestic and industrial use.
	3589	**Household and service-industry machines, not elsewhere classified.** Establishments primarily engaged in manufacturing machines and equipment, not elsewhere classified, for household use or for use in service industries. This industry does not include establishments manufacturing electrical household appliances (Industry 3621).

Major Group 36.—ELECTRICAL MACHINERY

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy. The manufacture of electrical household appliances is included in this group, but machinery powered by built-in or detachable electric motors is classified in Major Group 35.

Group No.	Industry No.	
361		ELECTRICAL EQUIPMENT FOR INDUSTRIAL USE.
	3611	**Wiring devices and supplies.** Establishments primarily engaged in manufacturing wiring devices (attachment plugs and caps, convenience outlets, lamp sockets and receptacles, and snap switches); wiring supplies (pole-line hardware, conductor connectors, overhead trolley-line material, and rail bonds for both propulsion and signal circuits); insulators and insulation materials except porcelain and trolley-line insulators (Industry 3264); conduits and fittings; and lightning arresters. Establishments primarily engaged in manufacturing decorative lighting outfits are classified in Industry 3481.
	3612	**Carbon and artificial graphite products for the electrical industry.** Establishments primarily engaged in manufacturing carbons; carbon, graphite, and metal-graphite brushes; carbon or graphite electrodes; and miscellaneous carbon specialties for electrical uses.
	3613	**Electrical measuring instruments.** Establishments primarily engaged in manufacturing electrical measuring instruments such as meters, indicating instruments, and meter transformers; and analyzers for testing the electrical and other equipment of internal-combustion engines and radio apparatus.
	3619	**Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.** Establishments primarily engaged in manufacturing electrical prime movers and other electric power equipment, including steam-turbine generator sets, for employment in the generation, transmission, or utilization of electric energy. Important products of this industry are motors (except railway, motor vehicle, and aircraft), generators, transformers, switchboards, panelboards, other transmission accessories (except insulated wire—Industry 3631, and conduit—Industry 3611), and welding apparatus. Establishments primarily engaged in manufacturing machines operated by detachable electric motors are classified in Major Group 35.
362		ELECTRICAL APPLIANCES.
	3621	**Electrical appliances.** Establishments primarily engaged in manufacturing electrical household appliances used for heating, cooking, cleaning, and other purposes. Important products of this industry are electric ranges, disk stoves, hot plates, cookers, casseroles, roasters, toasters, water heaters, irons, mixers, percolators, vacuum cleaners, and circulating fans for use in free air. This industry does not include electric refrigerators (Industry 3584), washing machines (Industry 3581), or sewing machines (Industry 3583).
363		INSULATED WIRE AND CABLE.
	3631	**Insulated wire and cable.** Establishments primarily engaged in manufacturing insulated or armored wire and cable for transmitting electrical energy. The manufacture of uninsulated wire is classified in Industry 3341.
364		AUTOMOTIVE ELECTRICAL EQUIPMENT.
	3641	**Automotive electrical equipment.** Establishments primarily engaged in manufacturing automotive electrical equipment such as automobile generators; automotive starting motors; railway motors and control equipment; motors, generators, and control equipment for gasoline-electric and oil-electric busses, trucks, and locomotives and for storage-battery trucks; and ignition apparatus for internal-combustion engines, including spark plugs, magnetos, coils, and distributors.
365		ELECTRIC LAMPS.
	3651	**Electric lamps.** Establishments primarily engaged in manufacturing incandescent-filament lamps, vapor and photoflash lamps, photoflood lamps, and other electric lamps. The production of electric lighting equipment and fixtures is classified in Industry 3481.

Group No.	Industry No.	
366		**COMMUNICATION EQUIPMENT AND RELATED PRODUCTS.**
	3661	**Radios, radio equipment, and phonographs.** Establishments primarily engaged in manufacturing radio receiving sets, radio transmitters, television sets, radio receiving and transmitting tubes, phonographs and accessories, public-address and music-distribution apparatus, and other apparatus and products associated with radio equipment, including miscellaneous radio parts; and phonographs, phonograph records, and accessories.
	3662	**Communication equipment (except radio).** Establishments primarily engaged in manufacturing telephone and telegraph equipment and electric signaling apparatus. Radio communication equipment is classified in Industry 3661.
369		**MISCELLANEOUS ELECTRICAL PRODUCTS.**
	3691	**Batteries, storage and primary (dry and wet).** Establishments primarily engaged in manufacturing storage batteries, dry batteries, and wet primary batteries.
	3692	**X-ray and therapeutic apparatus and electronic tubes.** Establishments primarily engaged in manufacturing electrotherapeutic and electromedical apparatus, X-ray apparatus and tubes, and non-radio electronic tubes. This industry does not include establishments primarily engaged in manufacturing dental apparatus (Industry 3917).
	3699	**Electrical products, not elsewhere classified.** Establishments primarily engaged in manufacturing miscellaneous electrical equipment, not elsewhere classified, such as supports and filaments for electric lamps, and lead-in wires for bulbs.

Major Group 37.—TRANSPORTATION EQUIPMENT (EXCEPT AUTOMOBILES)

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in manufacturing equipment for transportation by air, land, and water. Establishments producing industrial and mining cars and trucks are classified in Major Group 35, those producing automobiles in Major Group 38, and those producing children's vehicles in Major Group 39.

Group No.	Industry No.	
371		**RAILROAD EQUIPMENT.**
	3711	**Locomotives and parts.** Establishments primarily engaged in building and rebuilding rail-traction locomotives (including frames and parts) of any type or gage; steam, compressed air, straight-electric, storage battery, Diesel-electric, gasoline-electric, and straight internal combustion. The building, rebuilding, and repair of locomotives by railroad companies are classified in Industry 7211.
	3712	**Railroad and street cars.** Establishments primarily engaged in building and rebuilding railroad, street, and rapid-transit cars and trackless trolley cars (including frames and parts) for freight and passenger service. Some of these cars may include an engine as an integral part of the car. Establishments manufacturing industrial narrow-gage rail cars are classified in Industry 3563.
372		**AIRCRAFT AND PARTS.**
	3721	**Aircraft.** Establishments primarily engaged in manufacturing aircraft such as airplanes, gliders, dirigibles, balloons, and parachutes.
	3722	**Aircraft parts.** Establishments primarily engaged in manufacturing parts especially designed for aircraft, such as aircraft engines, propellers, propeller blades, and pontoons. This industry does not include the manufacture of aeronautical instruments (Group 391) or aeronautical electrical equipment (Industry 3641).
373		**SHIP AND BOAT BUILDING AND REPAIRING.**
	3731	**Ship building and repairing.** Establishments primarily engaged in building and repairing all types of ships of 5 gross tons and over. This industry includes ships propelled by sail or motive power and also such craft as barges, canal boats, and lighters.
	3732	**Boat building and repairing.** Establishments primarily engaged in building and repairing all types of boats of less than 5 gross tons, such as motorboats, sailboats, rowboats, lifeboats, and canoes.
374		**MOTORCYCLES, BICYCLES, AND PARTS.**
	3741	**Motorcycles, bicycles, and parts.** Establishments primarily engaged in manufacturing motorcycles and side cars; motor scooters; bicycles; and motorcycle and bicycle parts, such as saddles, seat posts, frames, gears, and handlebars. Establishments assembling motorcycles or bicycles from parts produced in other establishments are included in this industry. Establishments manufacturing children's vehicles are classified in Industry 3943.
379		**TRANSPORTATION EQUIPMENT, NOT ELSEWHERE CLASSIFIED.**
	3799	**Transportation equipment, not elsewhere classified.** Establishments primarily engaged in manufacturing transportation equipment not elsewhere classified, such as horse-drawn vehicles (farm wagons, farm trucks, carriages, sleighs, and sleds) and parts; and wheelbarrows and pushcarts. This industry does not include establishments primarily engaged in manufacturing industrial cars and trucks (Industry 3563) and those making children's vehicles (Industry 3943).

Major Group 38.—AUTOMOBILES AND AUTOMOBILE EQUIPMENT

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in manufacturing or assembling complete motor vehicles and in manufacturing bodies, engines, and trailers for passenger cars and commercial vehicles. This group also includes establishments manufacturing parts and accessories for use in motor vehicles. This group does not include establishments manufacturing tires and tubes (Major Group 30); automobile glass (Major Group 32); automobile lamps (Major Group 34); ignition systems, batteries, and other automobile electrical equipment (Major Group 36); and automobile stampings and springs, and automobile hardware (Major Group 33).

Group No.	Industry No.	
381		**MOTOR VEHICLES.**
	3811	**Motor vehicles.** Establishments primarily engaged in manufacturing or assembling complete passenger automobiles, commercial cars and busses, trucks and truck trailers, and special-purpose motor vehicles such as ambulances, fire engines, taxicabs, scout cars, reconnaissance cars, and personnel carriers. Establishments manufacturing motorcycles are included in Industry 3741, and those manufacturing farm and industrial tractors in Industry 3521.
382		**MOTOR-VEHICLE BODIES.**
	3821	**Passenger-car bodies.**
	3822	**Truck bodies.** Establishments primarily engaged in manufacturing truck and bus bodies.
383		**MOTOR-VEHICLE PARTS AND ACCESSORIES.**
	3831	**Motor-vehicle parts and accessories.** Establishments primarily engaged in manufacturing motor-vehicle parts, body parts, and accessories for use in motor vehicles, such as engines and parts, brakes and parts, clutches, axles, gears, differentials, transmissions, wheels, frames, tops, radiators, horns, and windshield wipers. This industry does not include establishments primarily engaged in manufacturing such products as tires and tubes (Industry 3011); automobile glass (Major Group 32); head lamps (Industry 3481); ignition system (Industry 3641); batteries (Industry 3691); automobile stampings (Industry 3372); springs (Industry 3394); and automobile hardware (Industry 3359).
384		**AUTOMOBILE TRAILERS.**
	3841	**Automobile trailers.** Establishments primarily engaged in manufacturing trailers for passenger cars. Establishments primarily engaged in manufacturing truck trailers are classified in Industry 3811.

Major Group 39.—MISCELLANEOUS MANUFACTURING INDUSTRIES

THE MAJOR GROUP AS A WHOLE

This group of industries includes establishments engaged in manufacturing a wide variety of products which are not classified in any other major group of manufacturing industries. Industries in this group fall into the following subclassifications: professional and scientific instruments, photographic apparatus, and optical goods; brooms and brushes; musical instruments; toys and sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons; costume jewelry and miscellaneous novelties; and miscellaneous industries.

Group No.	Industry No.	
391		**PROFESSIONAL AND SCIENTIFIC INSTRUMENTS, PHOTOGRAPHIC APPARATUS, AND OPTICAL GOODS.**
	3911	**Professional and scientific instruments (except surgical, medical, and dental).** Establishments primarily engaged in manufacturing professional and scientific instruments, such as surveyors', nautical, navigational, and aeronautical instruments; barometers; thermometers; hydrometers, pyrometers, mathematical instruments, and tachometers; drafting instruments; and instruments for laboratory work and scientific research, except microscopes and telescopes (Industry 3913). Establishments primarily engaged in manufacturing surgical and medical instruments are classified in Industry 3915 and those manufacturing dental instruments and equipment in Industry 3917. Establishments primarily engaged in manufacturing mechanical measuring instruments are classified in Industry 3565, precision measuring tools in Industry 3543, and electrical measuring instruments in Industry 3613.
	3912	**Photographic apparatus and materials.** Establishments primarily engaged in manufacturing photographic and motion-picture cameras and projection apparatus. This industry also includes establishments primarily engaged in manufacturing photographic materials and supplies such as films (including X-ray films), plates, enlargers, photostat machines, plate holders, printing frames, photographic range finders, slides, stereographs, stereopticons, sensitized paper, photo-copying paper and cloth, reels, developing tanks, and tripods. Establishments primarily engaged in manufacturing lenses are classified in Industry 3913.
	3913	**Optical instruments and lenses.** Establishments primarily engaged in grinding lenses (except ophthalmic) and in manufacturing microscopes, telescopes, field and opera glasses, and related optical instruments, such as refractometers, spectrometers, spectroscopes, colorimeters, polariscopes, optical measuring instruments, micro-photographic and micro-projection apparatus, and searchlight mirrors and reflectors. This industry includes the manufacture of sighting and fire-control optical instruments such as range finders (including height finders and directors), azimuth instruments, flank spotting instruments, telescopic sights, panoramic telescopes, and elbow telescopes. The manufacture of optical glass is also included. Establishments manufacturing complete eyeglasses or eyeglass lenses or frames are classified in Industry 3914.
	3914	**Ophthalmic goods.** Establishments primarily engaged in the grinding of ophthalmic lenses, and in manufacturing other ophthalmic goods such as complete eyeglasses and frames. Retail establishments fitting eyeglasses to individual order are classified in Industry 6197.
	3915	**Surgical and medical instruments.** Establishments primarily engaged in manufacturing surgical, veterinary, orthopedic, and other medical instruments. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in Industry 3916, and those manufacturing electrotherapeutic, electromedical, and X-ray apparatus in Industry 3692.
	3916	**Surgical and orthopedic appliances and supplies.** Establishments primarily engaged in manufacturing surgical and orthopedic appliances and supplies, including surgical gut strings; hospital, surgical, and other sterilizers; artificial limbs; fracture appliances; elastic hosiery, arch supports, and other foot appliances; abdominal supporters, braces, and trusses; sanitary napkins; bandages; surgical gauze and dressing; adhesive plasters (nonmedicated); and all kinds of medicated plasters. Establishments primarily engaged in manufacturing surgical and medical instruments are classified in Industry 3915.
	3917	**Dental equipment and supplies.** Establishments primarily engaged in manufacturing dental instruments, mechanical devices, and other equipment for use by dentists. This industry does not include dental laboratories making dentures and artificial teeth to order for the dental profession (Industry 9272).

Group No. Industry No.

392 **BROOMS AND BRUSHES.**

3921 **Brooms.**
Establishments primarily engaged in manufacturing household, industrial, and street-sweeping brooms.

3922 **Brushes.**
Establishments primarily engaged in manufacturing brushes, such as paint brushes, toothbrushes, toilet brushes, and household and industrial brushes.

393 **MUSICAL INSTRUMENTS.**

3931 **Pianos.**
Establishments primarily engaged in manufacturing complete pianos, with or without player attachments.

3932 **Organs.**
Establishments primarily engaged in manufacturing complete pipe organs and reed organs. This industry includes electronic organs and organs with electrical amplification.

3933 **Piano and organ parts and materials.**
Establishments primarily engaged in manufacturing piano and organ parts and materials for sale as such. This industry does not include the manufacture of complete pianos (Industry 3931) or complete organs (Industry 3932).

3939 **Musical instruments, parts, and materials, not elsewhere classified.**
Establishments primarily engaged in manufacturing all kinds of musical instruments, parts, and materials, except pianos (Industry 3931), organs (Industry 3932), and piano and organ parts (Industry 3933).

394 **TOYS AND SPORTING AND ATHLETIC GOODS.**

3941 **Games and toys (except dolls and children's vehicles).**
Establishments primarily engaged in manufacturing games (for both adults and children) and toys except rubber toys and rubber dolls (Industry 3051), dolls other than rubber (Industry 3942), and children's vehicles (Industry 3943). Playing cards are classified in Industry 2699, and equipment for sports and athletics in Industry 3949.

3942 **Dolls (except rubber).**
Establishments primarily engaged in manufacturing all kinds of dolls, doll parts, and doll clothing, except those made of rubber (Industry 3051).

3943 **Children's vehicles.**
Establishments primarily engaged in manufacturing baby carriages, children's sleds, wagons, tricycles, scooters, and other children's vehicles.

3949 **Sporting and athletic goods, not elsewhere classified.**
Establishments primarily engaged in manufacturing sporting and athletic goods, such as fishing tackle; golf and tennis goods; baseball, football, basketball, and boxing equipment; skates; gymnasium and playground equipment; billiard and pool tables; and bowling alleys. This industry does not include establishments manufacturing athletic apparel (Major Group 23), small-arms ammunition (Industry 2892), or firearms (Industry 3397).

395 **PENS, PENCILS, AND OTHER OFFICE AND ARTISTS' MATERIALS.**

3951 **Pens, mechanical pencils, and pen points.**
Establishments primarily engaged in manufacturing complete fountain pens, stylographic pens, mechanical pencils, pen points, penholders, and parts of pens and of mechanical pencils.

3952 **Lead pencils and crayons.**
Establishments primarily engaged in manufacturing lead pencils, pencil holders, and leads manufactured for sale as such, and crayons. The production of mechanical pencils is classified in Industry 3951.

3953 **Hand stamps, stencils, and brands.**
Establishments primarily engaged in manufacturing rubber and metal stamps, dies, and seals; steel letters and figures; stencils for use in painting, marking, or in addressing machines; and branding irons.

3954 **Artists' materials.**
Establishments primarily engaged in manufacturing materials for art work, such as air brushes for portrait work, drawing tables and boards, palettes, sketch boxes, pantographs, artists' colors, wax, pyrography goods, drawing inks, and drafting materials. Drafting instruments are classified in Industry 3911.

3955 **Carbon paper and inked ribbons.**
Establishments primarily engaged in manufacturing carbon paper for typewriters, sales books, etc.; stencil paper; and inked ribbons for typewriters, adding machines, cash registers, etc.

396 **BUTTONS.**

3961 **Buttons.**
Establishments primarily engaged in manufacturing buttons, button parts, and button blanks and molds, of all materials except precious metal and precious or semiprecious stone (Group 345).

397 **COSTUME JEWELRY AND MISCELLANEOUS NOVELTIES.**

3971 **Costume jewelry and costume novelties.**
Establishments primarily engaged in manufacturing costume jewelry, costume novelties, and ornaments made of all materials except precious metal and precious and semiprecious stones (Group 345).

Group No. Industry No.

397 COSTUME JEWELRY AND MISCELLANEOUS NOVELTIES—Continued.

3972 **Jewelry cases and instrument cases.**
Establishments primarily engaged in manufacturing cases, fancy boxes, and trays for jewelry, instruments, cutlery, eyeglasses, combs, cigarettes, pipes, toilet sets, etc. This industry does not include establishments primarily engaged in manufacturing cases of leather (Industry 3172) or precious metals (Industry 3451).

3973 **Lamp shades.**
Establishments primarily engaged in manufacturing lamp shades of all materials except glass (Industry 3229) and metal (Industry 3489).

3974 **Feathers, plumes, and artificial flowers.**
Establishments primarily engaged in manufacturing artificial flowers, fruits, and foliage made from all materials except glass (Group 323); and establishments primarily engaged in producing fancy feathers, plumes, and articles made principally of feathers and plumes. This industry includes establishments curling, dyeing, and renovating ostrich feathers for the trade.

398 FABRICATED PLASTIC PRODUCTS.

3981 **Fabricated plastic products.**
Establishments primarily engaged in molding primary plastics for the trade and manufacturing finished products, not elsewhere classified, made of plastic materials. This industry does not include establishments primarily engaged in manufacturing plastic materials in the form of sheets, rods, tubes, granules, powders, or liquids for sale or for interplant transfer in the same concern (Industry 2883).

399 MISCELLANEOUS INDUSTRIES.

3991 **Beauty-shop and barber-shop equipment.**
Establishments primarily engaged in manufacturing special furniture, devices, and equipment for use in beauty shops and barber shops.

3992 **Furs, dressed and dyed.**
Establishments primarily engaged in scraping, currying, tanning, bleaching, and dyeing pelts.

3993 **Signs and advertising displays.**
Establishments primarily engaged in manufacturing electrical, mechanical, cut-out, or plate signs and advertising displays, including neon signs and advertising novelties. Sign-painting shops doing business on a custom basis are classified in Industry 8799. This industry does not include establishments primarily engaged in manufacturing electric signal equipment (Industry 3662).

3994 **Hair work.**
Establishments primarily engaged in manufacturing wigs, toupees, transformations, switches, and related articles made largely from human hair, but in some cases from mohair, other animal hair, or other fiber. This industry also includes establishments primarily engaged in making wigs for dolls.

3995 **Umbrellas, parasols, and canes.**
Establishments primarily engaged in manufacturing umbrellas, parasols, and canes. This industry also includes establishments primarily engaged in manufacturing trimmings, frames, handles, and other parts.

3996 **Tobacco pipes and cigarette holders.**
Estabilshments primarily engaged in manufacturing tobacco pipes, and cigarette and cigar holders except those made of hard rubber (Industry 3032).

3997 **Soda-fountain and beer-dispensing equipment.**
Establishments primarily engaged in manufacturing soda fountains; beer-dispensing equipment; and tanks, siphons, and other parts and accessories for such equipment.

3998 **Models and patterns.**
Establishments primarily engaged in manufacturing models, patterns, and forms of all materials, except paper patterns (Industry 2699) and shoe-display forms (Industry 2595).

3999 **Miscellaneous fabricated products, not elsewhere classified.**
Establishments primarily engaged in manufacturing needles and pins, hooks and eyes, buckles, and slide and snap fasteners; portable fire extinguishers; theatrical scenery and advertising curtains; braided articles; holiday goods; and many other small articles not covered by distinct classifications. This industry also includes establishments primarily engaged in wool pulling and establishments primarily engaged in dressing hair and bristles.

PART II

ALPHABETIC INDEX OF PRODUCTS

ALPHABETIC INDEX OF PRODUCTS

A

2599 Abacuses.
2012 Abattoirs, contract only.
2011 Abattoirs, on own account.
3916 Abdominal supporters.
3291 Abrasive bricks, sticks, and stones (artificial).
3291 Abrasive cloth and paper.
3291 Abrasive grains (natural and artificial).
3291 Abrasive grinding wheels.
3291 Abrasives, aluminous.
2625 Absorbent paper.
2389 Academic caps and gowns.
3939 Accordions.
2782 Account books.
3571 Accounting machines.
2883 Acetate, cellulose (plastic).
2861 Acetate of lime, natural.
2889 Acetates.
2861 Acetic acid, natural.
2889 Acetic acid (synthetic).
2889 Acetin.
2889 Acetone, natural.
2886 Acetylene.
3542 Acetylene welding and cutting apparatus.
2861 Acid, acetic (natural).
2886 Acid, carbonic.
2861 Acid, light (product of hardwood distillation).
2911 Acid oil.
2861 Acid, pyroligneous.
2889 Acid, tannic.
2025 Acidophilus milk.
2291 Acoustic felts (not woven).
2883 Acrylic resins.
3571 Adding machines.
3579 Addressing machines.
3953 Addressograph plates and stencils.
3916 Adhesive plaster (nonmedicated).
2899 Adhesives (except glue and rubber cement).
2791 Advertisement typesetting.
3993 Advertising displays.
3993 Advertising novelties.
3993 Advertising posters (except lithographed).
3351 Adzes.
3911 Aeronautical instruments (except electric).
3351 Agricultural edge hand tools (bush hooks, corn knives, grass hooks, hay knives, scythes, etc.).
3522 Agricultural implements.
2833 Agricultural insecticides and fungicides.
3275 Agricultural lime.
3522 Agricultural machinery (except tractors).
3495 Air ducts, sheet metal.
3941 Air rifles, toy.
3584 Air-conditioning units (complete).
3721 Aircraft.
33X1 Aircraft artillery (having a bore greater than 0.60 inch).
3722 Aircraft engines.
3722 Aircraft parts.
3721 Airplanes.
3941 Airplanes, toy.
3721 Airships.
2782 Albums.
2861 Alcohol, allyl.
2889 Alcohol, grain (except industrial).
2861 Alcohol, methyl.
2861 Alcohol, wood (methanol).
2889 Alcohols, industrial: denatured, pure.
2082 Ale.
2042 Alfalfa (prepared as feed for animals).
2812 Alizarine lake.
2831 Alkaloids and salts: brucine, caffeine, ephedrine, nicotine (except sulphate), quinine, strychnine, etc.
2883 Alkyd resins.
3917 Alloys for amalgams.
2861 Allyl alcohol.
2095 Almond pastes.
2221 Alpacas, rayon.
2098 Alphabets, rings, seashells, etc. (macaroni products).
3297 Alumina refractories (nonclay).
3441 Aluminum and aluminum alloys: Rolling, drawing.
3422 Aluminum and aluminum alloys: Smelting and refining (secondary).
3499 Aluminum bronze powder.
3441 Aluminum castings, bars, plates, rods, sheets, tubing, pipe, wire.
3375 Aluminum coating of sheet steel, iron, or formed products.
3441 Aluminum cooking utensils.
3441 Aluminum cutlery.
3441 Aluminum extruded shapes.
3494 Aluminum foil.
3441 Aluminum foundries.
3414 Aluminum ingots and bars, from bauxite ore.
3422 Aluminum ingots and bars, not from the ore.
3441 Aluminum parts for machinery: Rough castings, finished parts.
3499 Aluminum powder.
3414 Aluminum refining (primary).
3441 Aluminum utensils (except electric).
3441 Aluminum ware: Stamped, spun, or cast.
2889 Alums.
3531 Amalgamators.
3811 Ambulances (motor vehicles).
3613 Ammeters.
2889 Ammonia (except household).
2834 Ammonia, household.
2889 Ammonium molybdate.
2892 Ammunition for small arms (caliber .60 and under).
33X2 Ammunition other than for small arms.
33X2 Ammunition (over caliber .60).
3661 Amplifiers, electric (radio).
3939 Amplifiers for electric musical instruments.
3573 Amusement machines, coin-operated.
2889 Amyl alcohol.
3613 Analyzers for testing electrical and other equipment of internal-combustion engines and radio apparatus.
3392 Anchors (not made in plants connected with rolling mills): Iron, steel.
3359 Andirons.
3915 Anesthesia apparatus.
3359 Animal traps: Iron, steel (except wire).
3349 Animal traps, wire.
3941 Animals (stuffed), toy.
2241 Anklets (hosiery)—full-fashioned.
2242 Anklets (hosiery)—seamless.
3399 Annealing of steel (for the trade).
2792 Announcements, engraved.

3915 Anthropometrical apparatus.
33X1 Antiaircraft artillery (having a bore greater than 0.60 inch).
3419 Antimony refining (primary).
3439 Antifriction bearing metals.
2831 Antiseptics.
2831 Antitoxins.
3392 Anvils—not made in plants connected with rolling mills.
3911 Apparatus, coal testing.
2244 Apparel, knit (except knit gloves).
2085 Applejack.
23V1 Appliquéing (for the trade).
2334 Aprons.
2399 Aprons, breast (harness).
2386 Aprons, rubberized.
3543 Arbors (machine-tool accessories).
3481 Arc lamps (except therapeutic).
3692 Arc lamps, therapeutic.
3916 Arch supports.
3382 Architectural metal work: Ferrous, nonferrous.
3021 Arctics, rubber.
3271 Areaways, basement-window (concrete).
2384 Arm bands, elastic.
3312 Armor plate (made in rolling mills).
3631 Armored cable or conductor.
3949 Arrows for archery.
2833 Arsenates, calcium and lead.
2889 Arsenites.
2831 Arsphenamines.
3239 Art glass.
3298 Art goods (except stone)—factory production.
23V2 Art goods for embroidering, stamped.
3271 Art marble, concrete.
3382 Art metal, ornamental.
23V2 Art needlework.
3269 Art pottery.
2262 Art squares (woven).
3974 Artificial and preserved flowers, foliage, fruits, grasses, plants, stems, and vines (except glass).
2295 Artificial leather.
**** Artificial leather products—code as leather according to type of commodity manufactured.
3916 Artificial limbs.
33X1 Artillery (having a bore greater than 0.60 inch).
33X1 Artillery parts (for artillery having a bore greater than 0.60 inch).
3954 Artists' brushes: Air, spray.
3954 Artists' canvas.
3954 Artists' colors.
3954 Artists' drawing tables and boards.
3954 Artists' easels.
3954 Artists' materials.
3954 Artists' pantographs.
3954 Artists' sizes.
3954 Artists' sketching boxes.
3954 Artists' wax.
2626 Asbestos and asbestos-filled paper.
3292 Asbestos building materials.
3293 Asbestos gaskets.
3292 Asbestos products (except steam and other packing, pipe and boiler covering, and gaskets).
3292 Asbestos textiles (except packing).
3292 Asbestos yarn.
3229 Ash trays, glass (hand-made, machine-made).
2931 Asphalt and tar mixtures for paving.
2931 Asphalt blocks.
2932 Asphalt brick siding.
3273 Asphalt floor tile.
2931 Asphalt paving materials.
2932 Asphalt roof cement (solid).
2911 Asphalt: Semisolid, solid.
2932 Asphalt shingles (strip and individual).
2263 Asphalted-felt-base floor coverings.
2931 Asphaltic concrete.
2911 Asphaltic material, liquid (except road oils).
2932 Asphalt-saturated felt roofing.
2531 Assembly-hall furniture.
2881 Assistants, textile and leather (sulphonated oils and fats; softeners, soluble oils, and greases).
2881 Assistants, textile (synthetic).
2329 Athletic and gymnasium clothing (men's and boys').
3949 Athletic and sporting goods.
2761 Atlases, lithographed.
2732 Atlases, publishing and printing.
2734 Atlases, publishing without printing.
3351 Augers (edge tools for woodworking).
3915 Auriscopes.
3721 Autogiros.
3831 Automobile accessories.
2261 Automobile and aircraft floor covering (woven-wool).
3821 Automobile bodies (passenger car).
3822 Automobile bodies (truck).
2893 Automobile body polish.
3831 Automobile brakes and brake parts.
3831 Automobile clutches.
2231 Automobile fabrics.
3229 Automobile glass (except laminated or safety glass): Cut, beveled, polished.
3359 Automobile hardware.
3481 Automobile lamps.
2294 Automobile pads.
3349 Automobile skid chains.
3372 Automobile stampings.
3373 Automobile tags.
3841 Automobile trailers (for passenger cars).
3811 Automobiles.
3943 Automobiles, children's.
3641 Automotive electrical equipment.
2291 Automotive felts (not woven).
3641 Automotive starting motors.
3932 Autophones (organs with perforated music rolls).
2211 Awning stripes.
2395 Awning stripes, painted.
2395 Awnings.
3351 Axes.
3831 Axle housings and shafts, automobile.
3831 Axles, automobile.
3392 Axles, forged—not made in plants connected with rolling mills.
3312 Axles, rolled or forged (made in rolling mills).
3913 Azimuth instruments.
2812 Azo bordeaux lake.

B

3439 Babbitt metal.
2013 Bacon: Packed, sliced.
2831 Bacterins.
2399 Badges made from fabric.
3949 Badminton equipment.
3113 Bag leather.
2253 Bagging, cotton (made on a contract basis).
2251 Bagging, cotton (not made on a contract basis).
2297 Bagging, jute.
2243 Bagging, meat (knit cloth).
3161 Bags, Boston (regardless of material).
3981 Bags, cellophane.
2751 Bags, cellophane (printed).
2652 Bags, cement (paper).
2652 Bags, coal (paper).
2652 Bags, flour (paper).
2652 Bags, garment (paper).
2659 Bags, glassine.
3949 Bags, golf.
2651 Bags, grocery.
2393 Bags, laundry—not made in textile mills.
2211 Bags—made in cotton mills.
2251 Bags—made in finishing plants (except on a contract basis).
2253 Bags—made in finishing plants on a contract basis.
2652 Bags, mothproof.
2659 Bags, paper (for merchandise), except grocery bags.
3161 Bags, school (regardless of material).
2659 Bags, shopping (paper).

3949 Bags, striking (punching).
2651 Bags, sugar (paper).
2394 Bags, textile (except laundry bags)—not made in textile mills.
3161 Bags, traveling (regardless of material).
2659 Bags, window face.
3949 Bait (artificial), fishing.
2033 Baked beans, canned.
2099 Baked beans (not canned).
2883 Bakelite (manufactured for sale as such).
2051 Bakeries, wholesale.
2051 Bakeries, wholesale and retail combined.
2599 Bakers' equipment, wooden.
2099 Bakers' malt.
3551 Bakery machinery: Dough mixing, kneading, breaking, dividing, rounding, and sheeting machines; marshmallow and egg-beaters; filling and icing depositors; crumbers; pie rimmers, fillers, and markers; crust dividers; loaf slicers; sugar-wafer cutters; spreaders and sandwiching machinery.
2051 Bakery products (except biscuit, crackers, and pretzels).
2811 Baking japans.
2091 Baking powder.
3574 Balances.
3543 Balancing machines.
3381 Balconies (not made in plants connected with rolling mills): Iron, steel, and nonferrous.
3349 Bale ties, wire (made from purchased wire).
2253 Bale-dyed goods, cotton (made on a contract basis).
2251 Bale-dyed goods, cotton (not made on a contract basis).
3141 Ballet slippers.
3051 Balloons: Advertising, toy.
3721 Balloons (aircraft).
3949 Balls: Baseball, basketball, football, golf, playground, tennis.
3949 Balls, billiard and pool.
3949 Balls, bowling.
3051 Balls, rubber (except baseballs, basketballs, footballs, golf balls, and tennis balls).
3949 Balls, soft or playground.
2211 Bandage cloths.
3916 Bandages, surgical.
3051 Bands, rubber.
3939 Banjos.
3382 Bank fixtures (ornamental metal work).
2761 Bank forms, lithographed.
2751 Bank forms, printed.
2792 Bank notes (engraving).
3941 Banks, toy.
2399 Banners, made from fabric.
2541 Bar fixtures.
3349 Barbed wire (made from purchased wire).
3991 Barber-shop equipment.
3731 Barges, building and repairing.
2889 Barium compounds.
3295 Barium, ground or otherwise treated.
2812 Barium sulphate precipitated (blanc fixé).
2292 Barmen laces.
3911 Barometers.
3396 Barrels, steel and other metal.
2555 Barrels, wooden.
2071 Bars, candy (including chocolate-covered bars).
3312 Bars, concrete-reinforcing (made in rolling mills).
3381 Bars (fabricated) for reinforcing concrete—not made in plants connected with rolling mills.
3312 Bars, iron (made in rolling mills).
3312 Bars, merchant steel (made in rolling mills).
3229 Barware: Hand-made, machine-made.
3295 Barytes, ground or otherwise treated.
2812 Barytes (pigments).
23X2 Baseball caps.
3949 Baseball equipment.
3949 Bases, baseball.
3949 Basketball equipment: Basketballs, guards, helmets, pads, etc.
3949 Basketballs.
2571 Baskets: Ambulance, undertakers.
2551 Baskets, climax.
2552 Baskets (except fruit and vegetable): Rattan, reed, splint, straw, veneer, veneer strips, wicker, willow.
3949 Baskets, fish and bait.
2551 Baskets: Fruit, vegetable.
2551 Baskets, store (round).
2551 Baskets, till.
3941 Baskets, toy.
3349 Baskets, wire (made from purchased wire).
2262 Bath mats, chenille.
2211 Bath mats, cotton.
3051 Bath mats, rubber.
2832 Bath salts.
3051 Bathing caps, rubber.
2244 Bathing suits, knit.
2339 Bathing suits, made from purchased woven or knitted fabrics (women's, misses', and juniors').
3051 Bathing suits, rubber.
2231 Bathrobe flannels, woolen.
2369 Bathrobes, children's.
2385 Bathrobes (men's and women's).
3361 Bathroom and toilet fixtures, enameled iron.
3261 Bathroom fixtures, porcelain (all clay).
3261 Bathroom fixtures, vitreous and semi-vitreous china.
3361 Bathtubs, enameled iron.
2253 Batiste—made on a contract basis.
2251 Batiste—not made on a contract basis.
3949 Bats, baseball (including indoor bats).
3949 Bats, cricket.
3691 Batteries, primary (dry or wet).
3691 Batteries, storage.
3032 Battery boxes, jars, and parts (hard rubber).
3271 Battery wells and boxes, concrete.
2293 Batting.
2293 Batts.
3297 Bauxite brick (nonclay).
3141 Beach sandals.
3995 Beach umbrellas.
2369 Beachwear, children's.
2339 Beachwear (women's, misses' and juniors').
3542 Beaders, metal (machines).
3999 Beads (unassembled).
3552 Beaming machines (textile).
2033 Beans, baked (canned).
2099 Beans, baked (not canned).
3566 Bearings: Ball, roller.
3981 Bearings, plastic.
3991 Beauty-shop equipment.
2292 Bed sets, lace.
2211 Bed tickings (in the gray).
2519 Beds, folding and cabinet.
2514 Beds, metal.
2511 Beds, wooden.
2392 Bedspreads and bed sets—not made in textile mills or on lace machines.
2211 Bedspreads and bedspread fabrics—made in cotton mills.
2292 Bedspreads, lace.
2251 Bedspreads—made in cotton-finishing plants (except on a contract basis).
2253 Bedspreads—made in finishing plants on a contract basis.
2249 Bedspreads—made in knitting mills.
2221 Bedspreads—made in rayon mills.
2252 Bedspreads—made in silk and rayon finishing plants (except on a contract basis).
2515 Bedsprings (assembled).
2013 Beef: Dried, sliced.
2011 Beef—produced in meat-packing establishments.
2081 Beer: Birch, root.
2082 Beer (except birch and root).

3997 Beer-dispensing equipment.
2063 Beet sugar: Granulated, unfinished.
3263 Belleek ware.
3662 Bells, electric.
3491 Bells (except electric and toy).
3939 Bells (musical instruments).
3941 Bells, toy.
3111 Belting butts, curried.
3111 Belting butts, rough—for sale as such.
3566 Belting, chain.
2212 Belting (cotton narrow fabrics).
3111 Belting leather.
3111 Belting, leather: Flat, solid, twist, built-up.
2399 Belting, other than leather (stitched).
3031 Belting, rubber: Conveyor, elevator, transmission, etc.
3949 Belts, ammunition.
2383 Belts (apparel) of all materials.
3121 Belts, leather (for machinery).
3916 Belts, sanitary.
3916 Belts, surgical.
2531 Benches for public buildings.
3289 Benches, stone.
3542 Bending machines, metal.
2911 Benzine.
2789 Beveling cards.
2081 Beverages, nonalcoholic.
2889 Bicarbonates and carbonates.
2889 Bichromates and chromates.
3481 Bicycle lamps.
3741 Bicycles and parts.
3312 Billets (made in rolling mills).
3172 Billfolds, leather.
2761 Billheads, lithographed.
3949 Billiard and pool cues, cue tips, and tables.
2231 Billiard cloths.
3571 Billing machines.
2298 Binder twine.
2627 Binders' board.
2783 Binders, loose-leaf.
23V2 Bindings, bias.
23X3 Bindings: Cap, hat.
2212 Bindings (cotton narrow fabrics).
2222 Bindings (rayon or silk narrow fabrics).
3941 Bingo boards.
3911 Binnacles (navigation instruments).
3913 Binoculars.
3495 Bins, sheet-metal.
2831 Biological and allied products: Antitoxins, bacterins, serums, vaccines, viruses, etc.
2042 Bird food.
2211 Bird's-eye diaper cloth.
2051 Biscuit: Baking powder, raised.
2052 Biscuit (except baking-powder and raised biscuit).
2831 Bismuth subgallate.
3351 Bits (edge tools for woodworking).
2811 Bituminous paints.
3289 Blackboards, slate.
2531 Blackboards, wooden.
2893 Blackings.
3354 Blades: Hand-saw, power-saw.
3351—Blades: Knife, razor.
3722 Blades, propeller (aircraft).
2812—Blanc fixé (barium sulphate precitated).
2892 Blank cartridges.
2782 Blankbook making.
2211 Blanketings, all-cotton or less than 25 percent wool.
2231 Blanketings, woolen.
2211 Blankets, all-cotton or less than 25 percent wool (in the gray).
2399 Blankets, horse.
2393 Blankets, made from purchased fabric.
2251 Blankets—made in cotton-finishing plants (except on a contract basis).
2253 Blankets—made in cotton-finishing plants on a contract basis.
2231 Blankets (25 percent or higher wool or similar animal fiber content).
3229 Blanks for electric light bulbs, glass.
3311 Blast furnaces: Merchant, independent.
2884 Blasting caps.
2884 Blasting powders.
2251 Bleaching and finishing cotton and linen fabrics (except on contract).
2253 Bleaching fabrics (on a contract basis).
2889 Bleaching powder.
2252 Bleaching silk and rayon fabrics (except on contract).
2045 Blended flour (made from purchased flour).
2563 Blinds, Venetian.
2431 Blinds, wooden (shutters).
3296 Block, sand-lime.
2931 Blocks, composition (for paving).
3271 Blocks, concrete.
3255 Blocks, fire-clay.
3229 Blocks, glass.
2931 Blocks, paving (except brick, concrete, granite, and stone).
3981 Blocks, plastic.
3259 Blocks, segment (clay).
3569 Blocks, swage.
3569 Blocks, tackle (metal).
2599 Blocks, tackle (wooden).
2599 Blocks, tailors' pressing (wooden).
3941 Blocks, toy.
3916 Bloomers, sanitary.
3312 Blooms (made in rolling mills).
2625 Blotting paper.
2321 Blouses and shirts, boys'.
2244 Blouses, knit.
2335 Blouses, women's and misses'.
3564 Blower filter units (furnace blowers).
3564 Blowers and exhaust and air-moving equipment.
3522 Blowers and harvesters, ensilage.
3564 Blowers, pipe organ.
3621 Blowers, portable (electric).
3912 Blueprint cloth.
3912 Blueprint paper.
3912 Blueprinting machines.
2899 Bluing.
2627 Board, binders'.
2627 Board, Bristol.
2627 Board, building (except that made of vegetable fiber).
2628 Board, building—made of vegetable fiber.
2627 Board, chip—made in paperboard mills.
2691 Board, chip (pasted).
2627 Board, container.
3272 Board, gypsum.
2627 Board, insulating—made in paperboard mills.
2627 Board, jute.
2627 Board, kraft.
2625 Board, matrix.
2627 Board, patent-coated.
2599 Boards: Bulletin, ironing, meat, pastry.
3954 Boards, drawing.
3949 Boards: Score, baseball, bowling, etc.
3732 Boat building and repairing.
2292 Bobbinet.
3552 Bobbins for textile machinery.
2599 Bobbins, wooden.
2834 Boiler compounds.
3293 Boiler covering (heat-insulating material, except felt).
3364 Boiler shops.
3393 Boiler tubes, wrought-welded—not made in plants connected with rolling mills.
3365 Boiler-burner units, complete (oil).
3365 Boiler-furnace units, fuel oil.
3365 Boilers, heating.
3364 Boiler-shop products.
3364 Boilers, power.
2013 Bologna.
3312 Bolt rods (made in rolling mills).
2411 Bolts: Handle, heading, shingle, stave, etc.
3312 Bolts (made in rolling mills).
3391 Bolts—not made in plants connected with rolling mills.
33X4 Bomb sights (except optical).
33X2 Bombs.
2897 Bombs, flashlight.
2623 Bond paper.

2887 Bone black.
3263 Bone china.
2013 Boneless meat.
2873 Bonemeal (fertilizer material).
2042 Bonemeal (prepared as feed for animals and fowls).
3499 Book ends, metal.
2789 Book gilding, bronzing, and edging.
2631 Book paper, coated.
2622 Book paper (except coated book paper).
3113 Bookbinders' leather.
3555 Bookbinders' machines: Gold stamping, gluing, edging, sanding, cutting, perforating, corner cutting, back forming, headbanding, and lining-up machinery.
2781 Bookbinding: Edition, job, library, trade.
2511 Bookcases, household.
2531 Bookcases, library.
2521 Bookcases, office (wooden).
3571 Bookkeeping machines.
2732 Books, publishing and printing.
2731 Books, publishing without printing.
2733 Books, specialized printing only.
3941 Books, toy (picture and cut-out).
2732 Books with musical notation, publishing and printing.
2731 Books with musical notation, publishing without printing.
3941 Boomerangs.
3131 Boot and shoe cut stock.
3132 Boot and shoe findings.
2595 Boot and shoe lasts.
3559 Boot and shoe making and repairing machinery.
2541 Booths, telephone.
3141 Boots, canvas.
3141 Boots, leather.
3021 Boots, rubber.
3295 Borax, ground or otherwise treated.
2889 Borax (sodium borate).
2889 Boric acid.
3543 Boring machine attachments.
3541 Boring machines (machine tools).
3541 Boring mills (machine tools).
3373 Bottle and jar crowns and screw caps, metal.
3373 Bottle caps and tops, metal.
2691 Bottle caps and tops, paper.
3221 Bottles and jars, wide-mouthed (packers' ware).
3221 Bottles, glass.
2664 Bottles, paper.
3551 Bottling machinery: Washing, sterilizing, filling, capping, and labeling.
2081 Bottling of carbonated nonalcoholic beverages.
**** Bottling of mineral water (uncarbonated). (*See* Vol. II.)
2099 Bouillon cubes.
2991 Boulets (fuel bricks).
3949 Bowling alleys and accessories.
3229 Bowls, glass.
2599 Bowls, turned and shaped (wooden).
3949 Bows for archery.
3132 Bows, shoe.
2554 Box shooks.
2515 Box springs.
3131 Box toes (shoe cut stock).
2627 Boxboard, bending or nonbending.
2627 Boxboard, folding.
2627 Boxboard, set-up.
2669 Boxes, cigar: Cardboard, paper.
2553 Boxes, cigar: Wooden, part wooden.
2669 Boxes, cigarette: Cardboard, paper.
2669 Boxes, confectionery: Cardboard, paper.
2663 Boxes, corrugated.
2554 Boxes, fancy (wooden).
2661 Boxes, folding: Paper, paperboard.
3972 Boxes (for jewelry, instruments, toilet sets, cutlery, etc.), except precious metal and leather.
3032 Boxes, hard rubber.
3161 Boxes, hat (except paper).
2662 Boxes, hat (paper).
3399 Boxes, metal (ferrous other than tin).
2662 Boxes, millinery: Cardboard, paper.
2662 Boxes, newsboard: Plain, metal-edged.
2669 Boxes, paper: Decorated, fancy covered, lacquered, lithographed.
2662 Boxes, set-up: Paper, paperboard (except decorated).
3954 Boxes, sketching and paint.
2663 Boxes, solid-fiber-board.
3331 Boxes, tin.
3799 Boxes, truck (for horse-drawn vehicles).
2664 Boxes, vulcanized fiber.
3799 Boxes, wagon (for horse-drawn vehicles).
2554 Boxes, wooden (except cigar boxes): Plain or fabric covered.
2554 Boxes (wooden), for storage batteries.
3949 Boxing equipment.
3554 Box-making machines (for paper boxes).
3553 Box-making machines (for wooden boxes).
3916 Braces (orthopedic appliances).
3359 Brackets: Iron, steel.
3298 Brackets (other than stone or concrete).
2431 Brackets, wooden.
3312 Brads (made in rolling mills).
3342 Brads (not made in wire mills or in plants connected with rolling mills).
3341 Brads, wire (made in wire mills).
3552 Braiding machines.
2212 Braids, cotton.
3994 Braids, hair.
2212 Braids, lingerie.
3994 Braids, puffs, switches, wigs, etc. (mohair).
2222 Braids, rayon or silk.
3569 Brake burnishing machines.
3031 Brake lining, rubber.
3292 Brake linings, asbestos.
3569 Brake washing machines.
3569 Brakes: Air, vacuum.
3831 Brakes and brake parts, automobile.
3542 Brakes, sheet-metal workers.
2041 Bran and middlings.
2044 Bran, rice.
3953 Branding irons for marking purposes.
2085 Brandy.
3429 Brass, ingots and bars (secondary).
3382 Brass, ornamental (structural).
3431 Brass plates, rods, sheets, and tubing.
3431 Brass rolling, drawing.
2342 Brassieres.
2051 Bread.
2761 Bread wrappers (lithographed).
2751 Bread wrappers (printed).
2699 Bread wrappers (unprinted).
3551 Bread-slicing machines.
3551 Bread-wrapping machines.
2043 Breakfast foods, cereal.
2511 Breakfast sets (furniture).
2399 Breast aprons (harness).
2082 Breweries.
3551 Brewers' and maltsters' machinery: Cookers, mash tubs, brew kettles, coolers, tanks, filter mash washers, carbonators, racking machines, conveyors, key and barrel washers, pasteurizers, mash machines, cereal agitators, filling and bunging machines, etc.
2082 Brewers' grain.
3999 Bric-a-brac.
3559 Brick and tile-making machines.
3297 Brick, bauxite (nonclay).
3297 Brick, chrome (nonclay).
3251 Brick, common.
3271 Brick, concrete.
3251 Brick, face.
3255 Brick, fire-clay.
3229 Brick, glass.
3255 Brick, high-alumina.
3251 Brick, hollow.
3255 Brick, ladle.
3296 Brick, sand-lime.
2932 Brick siding, asphalt.
3297 Brick, silica (nonclay).

3251 Brick, vitrified (for paving and other purposes).
2393 Bridge sets (cloths and napkins).
2511 Bridge sets (furniture).
3949 Bridges, billiard and pool.
3161 Briefcases (regardless of material).
2034 Brining of fruits.
2991 Briquettes, charcoal.
2991 Briquettes (fuel bricks).
3999 Bristles and hair, dressing.
3922 Bristles, wire.
2627 Bristol board.
3543 Broaches (machine-tool accessories).
3541 Broaching machines (horizontal or vertical).
2211 Broad woven cotton fabrics.
2211 Broadcloths: Carded.
2211 Broadcloths, combed.
3621 Broilers, electric.
2889 Bromides.
2889 Bromine.
3954 Bronze: Artists', mixtures, powders, paints, etc.
3429 Bronze ingots and bars (secondary).
2891 Bronze ink.
3431 Bronze plates, rods, sheets, and tubing.
3499 Bronze powder.
3431 Bronze rolling, drawing.
3555 Bronzing and dusting machines (for the printing trade).
2789 Bronzing books, cards, or paper.
3369 Brooders, metal.
2599 Brooders, wooden.
3921 Brooms: Hearth, household, industrial, toy.
2033 Broth, canned (except clam and chicken).
2099 Brown bread: Canned, Boston, and other.
2831 Brucine.
2599 Brush blocks, turned and shaped (wooden).
3612 Brushes and contacts, carbon, graphite, and metal-graphite (electric).
3954 Brushes, artists': Air, spray.
3922 Brushes: Paint, toilet, household, industrial (except artists' air and spray brushes).
3051 Brushes, rubber.
3949 Buckets, fish and bait.
3999 Buckle blanks and molds.
3999 Buckles and buckle parts (except shoe buckles).
3132 Buckles, shoe.
2254 Buckram, varnishing (for the trade).
2041 Buckwheat flour.
2511 Buffets (furniture).
3291 Buffing and polishing wheels.
3113 Buffings, russet.
3939 Bugles.
3359 Builders' hardware (including lock sets).
2627 Building board (except that made of vegetable fiber).
2628 Building board made of vegetable fiber.
2626 Building felt.
3211 Building glass (flat).
3273 Building insulation (except mineral wool).
3271 Building materials, concrete: Art marble; basement-window areaways; blocks, bricks, cast stone, roofing tile, Spanish floor tile, squares for ceilings, walls, etc.; chimney caps; copings, lintels, sills; door and window frames; floor filler tiles; floors, joists, precast floor slabs; panels and sections for prefabrication; pier footings; roofing slabs; etc.
2626 Building paper.
3251 Building tile, hollow (partition, load-bearing, furring, book tile; conduit tile; floor-arch, silo, and corncrib tile; radial chimney blocks; fireproofing tile; etc.).
3495 Buildings, portable (steel)—not made in plants connected with rolling mills.
2431 Buildings, portable (wooden).
3381 Buildings (steel), prefabricated—not made in plants connected with rolling mills.
2519 Built-in furniture (factory production only).
3651 Bulbs for electric lights (complete).
3229 Bulbs for electric lights (without filaments or sockets).
3542 Bulldozers.
2599 Bungs, wooden.
2051 Buns (bakery products).
2211 Bunting cloths.
2369 Buntings, children's.
3662 Burglar and fire-alarm apparatus.
2571 Burial cases: Metal, wooden.
2571 Burial couches.
2571 Burial door draperies.
2571 Burial garments.
2571 Burial lowering devices.
3365 Burner units, complete (gas).
3369 Burners, gas.
3363 Burners, oil (fuel oil and distillate oil), domestic and industrial.
3954 Burnishers and cushions, gilders'.
2893 Burnishing ink.
3541 Burnishing machines (machine tools).
3199 Burnt-leather goods.
2095 Burnt-sugar (food color).
3999 Burnt-wood articles.
3917 Burrs, dental.
3822 Bus bodies.
3811 Busses, motor.
3351 Butcher knives.
2541 Butchers' fixtures.
2211 Butter cloths.
2021 Butter, creamery.
2025 Butter, ladle.
2025 Butter, processed.
2021 Butter, whey.
3551 Butter-making machinery.
2023 Buttermilk: Concentrated, condensed, dried, evaporated, powdered.
3551 Butter-working machinery.
3961 Button backs and parts.
3961 Button blanks and molds.
3961 Buttons (of all materials except precious metal and precious or semi-precious stone).
2889 Butyl alcohol.
2889 Butyl propionate.

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3359 Cabinet hardware (including locks).
3553 Cabinet makers' machinery.
2541 Cabinetmaking products.
2511 Cabinets and cases, radio.
2511 Cabinets and cases, sewing machine.
3917 Cabinets, dental.
2511 Cabinets, kitchen.
2541 Cabinets, office and store.
2522 Cabinets, office (metal).
2521 Cabinets, office (wooden).
2511 Cabinets, phonograph.
3584 Cabinets, refrigerator: Household (wooden, metal).
3631 Cable and wire, insulated or armored.
2298 Cable (made from fiber).
3631 Cable or conductor, armored.
3341 Cable, wire (made in wire mills).
2072 Cacao-bean products.
3419 Cadmium refining (primary).
3369 Cafeteria apparatus (coffee urns, etc.)
2831 Caffeine.
3533 Cages, mine shaft.
3349 Cages, wire (made from purchased wire).
2094 Cake, corn-oil.
2045 Cake flour (made from purchased flour).
2041 Cake flour (made in flour mills).
2051 Cakes (bakery products).
2099 Cakes: Italian, Spanish, Mexican, Chinese.
2811 Calcimines: Dry, paste.
2833 Calcium arsenate.
2889 Calcium carbide.
2889 Calcium hypochlorite (true).

3571 Calculating machines.
2792 Calendars, engraved.
2761 Calendars, lithographed.
2751 Calendars, printed.
2013 Calf's-foot jelly.
3543 Calipers (machinists' precision tools).
3569 Calking guns.
3352 Calking tools (hand).
3392 Calks, horseshoe.
3932 Calliopes, or steam organs.
2254 Cambric, varnishing (for the trade).
2253 Cambrics—made on a contract basis.
2251 Cambrics—not made on a contract basis.
3093 Camelback.
3912 Cameras, photographic: All types, including motion picture.
2329 Camp clothes, men's.
2511 Camp furniture.
2889 Camphor, synthetic.
3569 Camshafts, machining of.
3731 Canal boats, building and repairing.
3579 Canceling machinery, post office.
3481 Candelabras and candlesticks (for electric lighting).
2664 Candelabras, fiber.
2071 Candied popcorn.
2898 Candles.
3481 Candles, electric (lighting fixtures).
3229 Candlesticks, glass.
2071 Candy.
2552 Cane, chair.
2062 Cane sirup, refined.
2061 Cane sugar: Clarified, granulated, raw.
3995 Canes and cane trimmings (except precious metal).
3542 Can-forming machines.
2033 Canned fruits and vegetables.
2015 Canned soups, chicken.
2033 Canned soups (except chicken and clam).
2662 Canned-goods cases: Paper, pasteboard.
3551 Canning and food-packing machinery: Can cleaning, testing, soldering, filling, sealing, seaming, and labeling machines; vegetable grading, seeding, pitting, peeling, shucking and silking, cutting, slicing and chopping, hulling, washing, steaming, mixing, and cooking machinery; bottling, boxing, wrapping, marking, hoisting, and loading machines; kettles, coils, pulpers, finishers, juice extractors, strainers, wilters, and similar machinery.
2031 Canning fish, crustacea, and mollusks.
3732 Canoes, building and repairing.
2395 Canopies, canvas.
3373 Cans, ash and garbage.
3331 Cans, beer (tin).
3396 Cans (except tin cans) made of stamped and pressed metal.
2664 Cans, fiber (metal end or all fiber).
3331 Cans, ice-cream (tin).
3331 Cans, milk (tin).
3331 Cans, packers' (tin).
3375 Cans, retinning.
3331 Cans, tin.
2664 Cans, vulcanized fiber.
2211 Canton flannels.
3954 Canvas, artists'.
3954 Canvas board (artists' material).
2395 Canvas covers.
2211 Canvas (fabric).
3021 Canvas shoes, rubber-soled.
23X3 Cap fronts.
23X3 Cap visors.
2331 Capes, women's, misses', and juniors'.
3373 Caps and tops, bottle (metal).
2691 Caps and tops, bottle (paper).
23X2 Caps, cloth (men's and boys').
3831 Caps: Hub, gas-tank, and radiator (automobile).
2244 Caps, knit.
3051 Caps, rubber.
3359 Car seals, metal.
3392 Car wheels, forged—made in plants not connected with rolling mills.
3312 Car wheels (made in rolling mills).
2888 Carbide.
3482 Carbide lamps.
2889 Carbon, activated.
2889 Carbon bisulphide.
2887 Carbon black.
2886 Carbon dioxide.
2886 Carbon fluorides (gases).
3955 Carbon paper.
3612 Carbon products for the electrical industry.
3612 Carbon specialties for electrical use.
2889 Carbon tetrachloride.
2081 Carbonated beverages, nonalcoholic.
2084 Carbonated wine.
2889 Carbonates and bicarbonates.
3997 Carbonators, soda water.
2886 Carbonic acid.
2294 Carbonized rags.
2233 Carbonized wool.
3612 Carbons, electric.
3221 Carboys.
3722 Carburetors, aircraft engines.
3831 Carburetors, automobile motors.
3519 Carburetors, except aircraft and automobile carburetors.
3172 Card cases, leather.
2691 Card cutting.
2293 Card rolls, cotton (textile).
2691 Cardboard foundations.
2627 Cardboard—made in paperboard mills.
2691 Cardboard—not made in paperboard mills.
2691 Cardboard panels.
2211 Carded fabrics, fine.
2213 Carded yarn (cotton).
3552 Carding machines (textile).
3571 Card-punching and sorting machines.
2741 Cards, Christmas.
2691 Cards, cut and designed (not connected with printing).
2691 Cards for textile-fabric machines, jacquard.
2741 Cards, greeting (except hand-painted).
2691 Cards, index: Plain.
2691 Cards, jewelers'.
2691 Cards, plain paper.
2599 Cards, playing.
2792 Cards, visiting and other, engraved.
2291 Carpet cushions, felt (not woven).
2291 Carpet linings, felt (not woven).
2393 Carpet linings, textile (except felt).
3569 Carpet sweepers (except electric vacuum sweepers).
2213 Carpet yarn (cotton).
2261 Carpet yarn, woolen and worsted.
2263 Carpets, cork.
2262 Carpets (except wool and cork).
2261 Carpets, woven-wool.
3943 Carriages, baby.
3943 Carriages, doll.
33X1 Carriages, gun.
3799 Carriages, horse-drawn.
2554 Carrier trays (wooden).
3563 Cars, industrial.
3533 Cars, mining.
3943 Cars, play (with or without pedals).
3712 Cars: Railroad, rapid transit, street (freight or passenger).
2661 Cartons: Paper, paperboard.
2892 Cartridge cases, empty.
33X2 Cartridge cases (for ammunition over caliber .60).
2892 Cartridges, loaded.
3943 Carts, doll.
3799 Carts, horse-drawn.
2599 Carvings, wood.
3113 Case leather.
2025 Casein (dry and wet).
2851 Casein fibers.
2883 Casein (plastic).
3972 Cases: Cigar, cigarette, comb, compass, instrument, jewelry, pipe, spectacle, toilet set, etc. (except precious metal and leather).
2662 Cases, for canned goods: Paper, pasteboard.
3949 Cases, gun and rod.
3161 Cases, leather (luggage).

3451 Cases (made of precious metal).
2664 Cases, mailing; Fiber (metal end or all fiber).
3972 Cases, musical instrument.
2554 Cases, packing (wooden).
3584 Cases, show and display: Refrigerated.
3571 Cash registers and parts.
2014 Casings, sausage (including synthetic).
3359 Casket hardware.
2571 Casket linings.
2571 Caskets: Metal, wooden.
2555 Casks, wood.
3621 Casseroles, electric.
3271 Cast stone, concrete.
3441 Castings, aluminum.
3311 Castings, direct (made in independent blast furnaces).
3312 Castings, direct: Steel (made in rolling mills).
3321 Castings, gray-iron.
3569 Castings, machined.
3442 Castings, magnesium.
3322 Castings, malleable-iron.
3491 Castings, nonferrous (except aluminum).
3321 Castings, semisteel.
3323 Castings, steel.
3324 Cast-iron pipe and fittings.
2829 Castor oil and pomace.
2629 Catalog paper.
2035 Catsup.
2012 Cattle slaughtering, contract only (wholesale).
2011 Cattle, slaughtering on own account (wholesale).
2889 Caustic soda.
2031 Caviar: Canned, preserved.
2511 Cedar chests.
2431 Ceiling lumber (dressed).
2883 Cellophane (produced for sale as such).
3939 Cellos.
2883 Celluloid.
3981 Celluloid novelties.
2883 Cellulose acetate butyrate (plastic).
2883 Cellulose acetate, plastic.
2851 Cellulose fibers.
2883 Cellulose nitrate, plastic.
2883 Cellulose plastics.
2628 Celotex board.
3917 Cement, dental.
3292 Cement, high-temperature.
3272 Cement, Keene's.
3292 Cement, magnesia.
3242 Cement, masonry.
2899 Cement, mending.
3242 Cement, natural.
3241 Cement, Portland.
3242 Cement, puzzolan.
2932 Cement, roof (asphalt, fibrous plastic).
3559 Cement-making machinery.
3229 Centerpieces, glass.
3253 Ceramic tile: Glazed, unglazed.
2831 Cerates.
2081 Cereal beverages, nonalcoholic.
2043 Cereal breakfast foods.
2043 Cereal preparations.
2041 Cereals—manufactured in grain-milling plants.
2792 Certificates, security, engraved.
3381 Chain ladders—not made in plants connected with rolling mills.
3312 Chain rods (made in rolling mills).
3392 Chains: Iron, steel forged (except bicycle and motorcycle drive chains)—not made in plants connected with rolling mills.
3349 Chains, tire (made from purchased wire).
3349 Chains (wirework) made from purchased wire.
2393 Chair covers, cloth.
2512 Chair frames (wooden) for upholstered household furniture.
3359 Chair glides.
2599 Chair seats, wooden.
3917 Chairs, dentists'.
2511 Chairs, household, not upholstered (wooden).
3991 Chairs, hydraulic (barber and beauty shop).
2531 Chairs, portable folding.
2512 Chairs, upholstered (wooden frames).
3295 Chalk, ground or otherwise treated.
3954 Chalk, tailors'.
2211 Chambrays.
3114 Chamois bleaching, cutting, etc.
2861 Charcoal iron.
2861 Charcoal (product of hardwood distillation).
2862 Charcoal (product of softwood distillation).
2861 Charcoal screenings.
2051 Charlotte russe.
3914 Charts, eye test.
3543 Chasers (machine-tool accessories).
3555 Chases and galleys, printers'.
3471 Chasing on metals (for the trade) for purposes other than printing.
3811 Chassis for passenger cars, commercial cars, and busses.
3579 Check protectors.
3172 Checkbook covers, leather.
2782 Checkbooks.
3941 Checkerboards and chessboards.
3941 Checkers.
3579 Check-writing, endorsing, or signing machines.
2022 Cheese, all types and varieties, natural or processed (except processed cheese made from purchased cheese).
2025 Cheese, processed (made from purchased cheese).
2025 Cheese spreads.
2211 Cheesecloth.
3551 Cheese-making machinery.
2831 Chemical medicines, synthetic.
3263 Chemical porcelain.
3269 Chemical stoneware.
33X2 Chemical-warfare projectiles.
2211 Chenilles.
3941 Chessmen.
2881 Chestnut extract.
2511 Chests, cedar.
3398 Chests (iron, steel): Money, safe deposit.
3972 Chests, silverware.
2211 Cheviots (cotton).
2071 Chewing candy (not chewing gum).
2073 Chewing gum.
3551 Chewing-gum machinery: Chicle grinding, mixing, kneading, molding, rolling, coating, and wrapping machines.
2015 Chicken broth and soup.
2015 Chicken: Deviled, potted.
2015 Chickens, dressed and packed.
2099 Chicory root (dried).
2511 Chiffoniers and chifforobes.
2244 Children's headwear, knit.
2099 Chili con carne, and similar food preparations.
2099 Chili pepper or powder.
2035 Chili sauce, tomato.
3349 Chill coils (for use as internal chill in steel castings).
3939 Chimes (musical instruments).
3271 Chimney caps, concrete.
3259 Chimney pipes and tops.
3229 Chimneys, glass.
2511 China closets.
3265 China firing and decorating (for the trade).
3262 China, hotel.
3263 China, semivitreous.
2253 Chintz—made on a contract basis.
2251 Chintz (not made on a contract basis).
2627 Chip and straw set-up boxboard.
2627 Chip board—made in paperboard mills.
2691 Chip board, pasted.
3351 Chisels (except cold chisels) and gouges.
2889 Chlorates.
2889 Chloride of lime (bleaching powder).
2889 Chlorides.
2889 Chlorine bleaching compounds.

2889 Chlorine gas.
2889 Chloroform.
2072 Chocolate coatings: Liquor, milk, sweet.
2099 Chocolate, instant.
3551 Chocolate machinery: Mixers, mills, sorters, pressers, roasters, graders, refiners, and molding machines; finishers, glazers, tempering, and wrapping machines.
2072 Chocolate, milk.
2072 Chocolate sirups.
2072 Chocolate, solid.
2072 Chocolate: Sweetened, unsweetened.
2071 Chocolate-covered dates.
2071 Chocolates (fancy package, bulk, count).
3351 Choppers, meat (hand tools).
2099 Chow mein.
2741 Christmas cards.
3651 Christmas novelties, electrical.
2741 Christmas seals.
3999 Christmas-tree ornaments (except electrical).
2889 Chromates and bichromates.
3297 Chrome brick and other refractories (nonclay).
3472 Chromium plating.
3543 Chucks: Drill, lathe, magnetic (machine-tool and other metalworking machine accessories).
2531 Church furniture (except marble).
3289 Church furniture, marble: Altars, baptismal fonts, communion tables, pulpits, etc.
2096 Cider.
2669 Cigar boxes: Cardboard, paper.
2553 Cigar boxes: Wooden, part wooden.
3972 Cigar cases (except precious metal and leather).
3172 Cigar cases, leather.
3451 Cigar cases (made of precious metal).
3996 Cigar holders (except hard rubber).
3032 Cigar holders (made of hard rubber).
3559 Cigarette and cigar-making machines.
2669 Cigarette boxes: Cardboard, paper.
3972 Cigarette cases (except precious metal and leather).
3172 Cigarette cases, leather.
3451 Cigarette cases (made of precious metal).
3996 Cigarette holders (except hard rubber).
3032 Cigarette holders (made of hard rubber).
3999 Cigarette lighters (except precious metal).
3451 Cigarette lighters (made of precious metal).
2625 Cigarette paper.
2111 Cigarettes.
2121 Cigars.
3619 Circuit breakers, electric.
3271 Circular structures, concrete.
2761 Circulars, lithographed.
2889 Citral.
2889 Citrates.
2889 Citric acid.
2889 Citronellol.
2031 Clam bouillon, broth, chowder, juice (bottled or canned).
3569 Clamps.
3939 Clarinets.
3132 Clasps, shoe.
3533 Classifiers (mining machines).
3259 Clay drain tile.
3295 Clay, ground or otherwise treated.
3954 Clay, modeling.
3255 Clay products, heat-resisting.
3255 Clay refractories.
3559 Clay-tempering furnaces.
3559 Clay-working machinery.
3569 Cleaners, boiler-tube.
3999 Cleaners, pipe.
2893 Cleaning and polishing preparations (not containing soap).
3522 Cleaning machines for fruits, grains, vegetables.
2893 Cleansers containing no soap.
2841 Cleansers (containing soap).
2625 Cleansing tissues—made in paper mills.
2699 Cleansing tissues—not made in paper mills.
3351 Cleavers.
3229 Clip cups, glass (hand-made, machine-made).
3351 Clippers (hand and electric): Animal, and barbers' or toilet.
3349 Clips, paper (wire).
3952 Clips, pencil.
3461 Clock materials and parts.
3461 Clock movements.
3461 Clocks (assembling only).
3461 Clocks (including electric clocks).
3261 Closet bowls (reverse traps, siphon jets, washdowns).
3912 Cloth, blueprint.
2211 Cloth (cotton), plain and fancy print.
3912 Cloth, photo-copying.
3954 Cloth, tracing.
2599 Clothespins, wooden.
3942 Clothing, doll.
2386 Clothing, rubberized: Aprons, bibs, pants, raincoats, shields, etc.
3041 Clothing, vulcanized rubber: Aprons, baby pants, bibs, capes, cloaks, dress shields, etc.
2639 Cloth-lined paper.
3552 Cloth-spreading machines.
2599 Cloth-winding reels, wooden.
3949 Clubs, golf.
3949 Clubs, Indian.
3292 Clutch facings, asbestos.
3831 Clutches, automobile.
3566 Clutches (except automobile).
3533 Coal breakers.
3495 Coal chutes—made of sheet metal.
3533 Coal cutters.
2922 Coal gas (derived from byproduct coke ovens).
2931 Coal-tar paving materials.
2889 Coal-tar products, finished.
2882 Coal-tar products, primary.
2883 Coal-tar resins.
2932 Coal-tar roofing pitch.
3911 Coal-testing apparatus.
33X1 Coast artillery (having a bore greater than 0.60 inch).
2552 Coasters, rattan and willow.
2389 Coat pads.
2362 Coat-and-legging sets, children's.
2639 Coated paper (except photographic, carbon, and book paper).
3375 Coating with aluminum, lead, zinc, etc.
2231 Coatings (woolen and worsted fabrics).
2329 Coats and jackets, leatherette (men's and boys').
2329 Coats and vests, hunting (men's).
2311 Coats and vests (men's, youths', and boys').
2329 Coats (blanket-lined, and other work coats): Men's and boys'.
2362 Coats, children's and infants'.
2331 Coats (except fur coats): Women's, misses', and juniors'.
2371 Coats, fur.
3419 Cobalt refining (primary).
2085 Cocktails (beverages).
2072 Cocoa butter.
2099 Cocoa, instant.
2072 Cocoa, powdered (unsweetened, sweetened, or mixed with other substances).
2072 Cocoa products.
2829 Coconut cake and meal.
2099 Coconut: Desiccated, shredded, etc.
2829 Coconut oil.
2831 Codein.
2099 Coffee concentrates.
2095 Coffee flavorings.
3551 Coffee roasting and grinding machines.
2099 Coffee roasting (except coffee roasting by wholesale grocers).
2043 Coffee substitutes.

2095 Coffee sirups.
2511 Coffee tables.
2571 Coffins: Metal, wooden.
3542 Coilers (metalworking machines).
3641 Coils, electric.
3571 Coin counters and changers.
3172 Coin purses, leather.
3573 Coin-operated amusement machines.
3573 Coin-operated vending machines.
3579 Coin-wrapping machines.
2921 Coke—produced in beehive ovens.
2922 Coke—produced in byproduct coke ovens.
3312 Cold-rolled strip steel, flat bright (made in rolling mills).
3492 Collapsible tubes: Aluminum, lead, tin, etc.
2389 Collar and cuff sets (except fur and knit).
3961 Collar buttons (except precious metal and precious or semiprecious stone).
3113 Collar leather.
3191 Collar pads (harness).
3191 Collars: Horse, mule.
3543 Collars (machine-tool accessories).
2321 Collars (men's and youths').
3543 Collets (machine-tool accessories).
2812 Color lakes, synthetic (coal-tar).
2761 Color lithographing.
2751 Color printing.
2211 Colored cotton fabrics.
2211 Colored-yarn cotton fabrics.
3913 Colorimeters.
3114 Coloring of leather.
3954 Colors, artists'.
2812 Colors, dry (lakes, toners, full-strength colors).
2095 Colors for bakers' and confectioners' use.
2811 Colors in japan.
2811 Colors in oil (except artists' colors).
2812 Colors, pulp (water).
2812 Colors (reduced toners).
3271 Columns, concrete-filled.
3172 Comb cases, leather.
2211 Combed fabrics, fine.
2213 Combed yarn (cotton).
3552 Combing machines (textile).
3032 Combs, rubber.
2393 Comforters (or comfortables).
2751 Commercial printing.
2511 Commodes.
3662 Communication equipment (except radios).
3972 Compacts (except precious metal).
3451 Compacts (made of precious metal).
3911 Compasses.
2782 Composition books.
2791 Composition, hand (for the trade).
2791 Composition, machine: Linotype, monotype, etc. (for the trade).
2834 Compounds, boiler.
3917 Compounds, dental.
3917 Compressors, air (dental).
3561 Compressors, air (except air compressors used for art and dental work).
3954 Compressors, air (for art work).
3561 Compressors, gas (except ice-making, refrigerating, and air-conditioning units).
3571 Computing machines.
3533 Concentrating tables (mining).
3939 Concertinas.
2931 Concrete, asphaltic.
3271 Concrete battery wells and boxes.
3271 Concrete block and tile, except roofing tile.
3271 Concrete brick.
3271 Concrete building materials: Art marble; basement-window areaways; blocks, bricks, cast stone, roofing tile, Spanish floor tile, squares for ceilings, walls, etc.; chimney caps; copings, lintels, sills; door and window frames; floor filler tiles; floors, joists, precast floor slabs; panels and sections for prefabrication; pier footings; roofing slabs; etc.
3271 Concrete circular structures.
3271 Concrete conduits and pipes.
3271 Concrete cribbing.
3271 Concrete culvert pipe.
3271 Concrete drain tile.
3271 Concrete, electric conduits.
3271 Concrete fireplaces.
3271 Concrete fountains.
3271 Concrete grave vaults.
3271 Concrete grease traps.
3271 Concrete household and other accessories.
3271 Concrete irrigation pipe.
3271 Concrete laundry trays.
3271 Concrete mantels.
3271 Concrete meter boxes.
3531 Concrete mixers.
3271 Concrete monuments and grave markers.
3271 Concrete paving materials.
3271 Concrete poles, posts, and piling.
3271 Concrete pressure pipe, reinforced.
3271 Concrete products.
3271 Concrete roofing tile.
3271 Concrete septic tanks.
3271 Concrete sewer pipe.
3271 Concrete vaults.
3271 Concrete well curbing.
3271 Concrete-filled columns.
3531 Concrete-finishing machines.
3349 Concrete-reinforcing wire (made from purchased wire).
2023 Condensed and evaporated milk.
3551 Condensed-milk and evaporated-milk machinery.
3552 Conditioning and humidifying machines for cotton, rayon, silk, and other fabrics.
3611 Conductor connectors.
3495 Conductor pipe elbows.
3393 Conduit, wrought-welded—not made in plants connected with rolling mills.
3611 Conduits and fittings made from purchased pipe.
3271 Conduits and pipes, concrete.
3251 Conduits (clay), for underground electric wires and cable.
2694 Conduits, fiber (pressed-pulp products).
2664 Cones, fiber.
2099 Cones, ice-cream.
3269 Cones, pyrometric.
2071 Confectionery.
2669 Confectionery boxes: Cardboard, paper.
3551 Confectionery machinery: Mixing, cutting, sizing, coating, dipping, molding, beating, and filling machines; starch cleansers, sirup coolers, almond and peanut blanchers, depositors, printers, sifters, and conditioners; date-pitting, nut-cracking, coconut-slicing and grating, taffy-kneading and pulling, batch-mixing and cooking machinery; wrapping and packaging machinery.
2699 Confetti.
2511 Console tables.
3531 Construction machinery (except mining and oil-field machinery and tools).
2627 Container board.
2664 Containers, fiber liquid-tight (metal end or all fiber).
3221 Containers, glass.
2664 Containers: Laminated phenolic (bakelite), vulcanized fiber.
3619 Control apparatus, electric.
3831 Control equipment, automobile (acceleration machanism, choker rods, governors, etc.).
3641 Control equipment for gasoline-electric and oil-electric vehicles and for storage-battery trucks.
3911 Control instruments, scientific.
3562 Conveying systems, pneumatic-tube.
3562 Conveyors and conveyor systems and equipment (except coal and ore conveyors).

3533 Conveyors, coal and ore.
3562 Conveyors, parcel.
3621 Cookers, electric.
3369 Cookers, steam.
2051 Cookies, hand-made.
2052 Cookies, machine-made (enrobed, iced, plain).
3621 Cooking appliances, electric.
2092 Cooking oils.
3441 Cooking utensils, aluminum.
3229 Cooking utensils, glass.
3499 Cooking utensils (made of nonferrous metals except aluminum).
3269 Cooking ware, pottery.
3584 Coolers, milk.
3584 Coolers, water (electric).
2555 Cooperage.
2424 Cooperage stock (staves, heading, and hoops).
2424 Cooperage-stock mills.
3271 Copings, concrete.
3431 Copper alloying, rolling, drawing.
3431 Copper and copper alloys, plates, rods, sheets, wire, and tubing.
3499 Copper cloths (for cleaning).
3411 Copper ingots and bars, from the ore.
3429 Copper ingots and bars, not from the ore.
3411 Copper smelting and refining (primary).
3429 Copper smelting and refining (secondary).
2298 Cordage.
3552 Cordage and rope machines.
2213 Cordage yarn.
2884 Cordeau detonant.
2085 Cordials (alcoholic).
2095 Cordials (nonalcoholic).
2298 Cords.
2212 Cords, cotton.
2222 Cords, rayon or silk.
2211 Corduroys.
2834 Core oil and binders.
2834 Core wash.
2664 Cores, fiber (metal end or all fiber) for linoleum, paper, textiles, etc.
3569 Cores, valve.
2263 Cork carpets.
2592 Cork products (except cork carpets).
2592 Corks, bottle.
3559 Cork-working machinery.
2033 Corn, canned.
2041 Corn flour.
2043 Corn, hulled (cereal preparation).
2041 Corn meal.
2094 Corn oil: Crude, refined.
3522 Corn shellers, attachments, and parts.
2094 Corn sirup.
2094 Corn sugar.
2011 Corned beef (produced in meat-packing establishments).
3199 Corners, leather (for luggage).
3939 Cornets.
3495 Cornices, sheet metal.
2431 Cornices, wooden.
2094 Corn-oil cake.
3295 Cornwall stone, ground or otherwise treated.
3554 Corrugating machines (for paper).
2342 Corset accessories: Clasps, stays, etc.
2211 Corset fabrics, woven cotton.
2212 Corset laces.
2342 Corsets and allied garments.
2832 Cosmetics.
3571 Cost-finding machines.
3971 Costume jewelry (except precious metal and precious or semiprecious stone).
3971 Costume novelties (except precious metal and precious or semiprecious stone).
2541 Costumers.
2389 Costumes: Lodge, masquerade, theatrical.
2514 Cots, metal.
2511 Cots, wooden.
2391 Cottage sets (curtains).
3916 Cotton, absorbent.
2211 Cotton broad woven goods (in the gray) over 12 inches in width.
3291 Cotton buffing wheels.
2251 Cotton fabrics, dyeing and finishing except on contract.
2253 Cotton fabrics, dyeing and finishing on a contract basis.
2211 Cotton goods, colored.
2211 Cotton goods, fine.
2212 Cotton narrow fabrics (in the gray) not over 12 inches in width.
2211 Cotton pile fabrics.
2214 Cotton sewing thread.
2213 Cotton yarn.
2211 Cottonades.
3559 Cotton-ginning machinery.
2821 Cottonseed cake and meal.
2821 Cottonseed linters.
2821 Cottonseed oil: Crude, refined.
2512 Couches.
2571 Couches, undertakers' or burial.
2541 Counter display cases.
3543 Counterbores.
3131 Counters (shoe cut stock).
2541 Counters (store fixtures).
3543 Countersink-drill combinations.
3351 Countersinks (edge tools for woodworking).
3543 Countersinks (machine-tool accessories).
3569 Couplings, iron and steel.
2622 Cover paper.
2399 Covers, automobile tire.
2552 Covers, bottle and demijohn (willow).
2395 Covers, canvas.
2393 Covers, chair (cloth).
2393 Covers for pillows, fancy.
2393 Covers, piano (scarfs).
2393 Covers, slip—not made in textile mills.
2393 Covers, table and dresser—not made in textile mills.
2211 Coverts.
2031 Crab picking (picking of cooked crab meat for canning or preserving purposes).
2031 Crabs: Canned, preserved.
2043 Cracked wheat.
3551 Cracker-making machines.
2052 Crackers: Graham, soda, etc.
2511 Cradles.
3531 Cranes—except industrial cranes (overhead traveling) and hoists.
3569 Cranes (overhead traveling) and hoists, industrial.
3392 Crankshafts, forged steel—not made in plants connected with rolling mills.
3569 Crankshafts, machining of.
2297 Crash, linen.
2554 Crates (wooden): Berry, butter, fruit, vegetable.
3952 Crayons.
3954 Crayons, wax (artists').
2023 Cream: Dried, powdered.
3551 Cream separators
2023 Cream, sterilized (canned).
2021 Creamery butter.
3571 Credit account registers.
3949 Creels, fish.
2861 Creosote (product of hardwood distillation).
2862 Creosote (product of softwood distillation).
2594 Creosoting of wood.
2699 Crepe paper.
2699 Crepe-paper products.
2221 Crepes, all-rayon, all-silk, rayon-mixture or silk-mixture.
2211 Crepes, cotton.
2883 Cresol resins.
3271 Cribbing, concrete.
2511 Cribs.
2214 Crochet cottons.
2213 Crochet yarn (cotton).
3269 Crockery.
3191 Crops, riding.
3949 Croquet sets.
3255 Crucibles, fire-clay.

3297 Crucibles (nonclay).
2051 Crullers.
2095 Crushed fruits (for soda-fountain use).
3569 Crushers, ice.
3531 Crushing and mixing machinery for stone, ore, slag, etc.
3916 Crutches.
3239 Crystals, watch (glass).
3981 Crystals, watch (unbreakable).
3949 Cues and cue tips, billiard and pool.
3961 Cuff buttons (except precious metal and precious or semiprecious stone).
3522 Cultivators (agricultural), attachments, and parts.
3271 Culvert pipe, concrete.
3495 Culverts, sheet metal.
2699 Cups, paper (made of converted paper).
2694 Cups, pressed and molded pulp.
3331 Cups, tin.
3289 Curbing, granite and stone.
3994 Curled hair (hair goods).
3991 Curlers, hair.
3621 Curling irons, electric.
3994 Curls, artificial (hair).
3115 Currying of leather.
2562 Curtain and drapery rods and poles.
2251 Curtain fabrics, cotton (not made on a contract basis).
2253 Curtain fabrics—made on a contract basis.
2252 Curtain fabrics, silk and rayon (not made on a contract basis).
2292 Curtain nets, lace.
3999 Curtains, advertising.
2249 Curtains, knit.
2292 Curtains, lace.
2391 Curtains: Ruffled, tailored.
2393 Curtains, shower-bath—not made in textile mills.
3954 Cushions and burnishers, gilders.
2291 Cushions, carpet (felt, not woven).
2393 Cushions (except spring and carpet cushions).
2515 Cushions, spring.
2024 Custard, frozen.
2421 Custom sawmills.
3131 Cut stock for boots and shoes.
3441 Cutlery, aluminum and duraluminum.
3351 Cutlery (except aluminum, gold, silver, and plated).
3454 Cutlery: Silver (sterling or plated).
2691 Cut-outs, paper.
3551 Cutters, biscuit (machine).
3543 Cutters (machine-tool accessories).
3554 Cutting and folding machines, paper.
3569 Cutting and welding equipment (acetylene, oxyacetylene, and other).
3351 Cutting dies for use in cutting cloth, paper, leather, etc. (except metal-cutting dies).
3917 Cutting instruments (hand), dental.
3239 Cutting of glassware.
3114 Cutting of leather.
3541 Cutting-off machines (machine tools).
3239 Cutware, glass.
2889 Cyanides.
3943 Cycles, sidewalk (with wheels, not over 14 inches in diameter).
3939 Cymbals.

D

3551 Dairy machinery and equipment: Churning, molding, separating, bottle-washing and filling; emulsifying, pasteurizing, homogenizing, blending and mixing machinery.
2025 Dairy products, special.
2211 Damask, cotton.
2214 Darning cottons.
2213 Darning yarn (cotton), carded or combed.
2071 Dates, chocolate-covered.
2033 Dates, dried.
2071 Dates, stuffed.
3579 Dating devices (except time recording devices).
2512 Davenports.
2512 Day beds.
3999 Decalcomania work (except on china or glass).
3265 Decalcomania work on china and glass (for the trade).
2761 Decalcomanias (dry transfers).
2789 Deckling.
3949 Decoys, duck and other game birds.
3831 Defrosters, automobile.
3263 Delftware (pottery).
2211 Denims.
3917 Dental alloys for amalgams.
3917 Dental broaches.
3917 Dental cabinets.
3917 Dental cement.
3917 Dental equipment and supplies.
3917 Dental gold.
3917 Dental glue.
3917 Dental instruments (hand).
3917 Dental investments.
3917 Dental plaster.
3917 Dental rubber.
3917 Dental wax.
2832 Dentifrices.
3917 Dentists' chairs.
3917 Dentists' tools.
3917 Denture materials other than rubber.
2832 Deordorants (for human use).
2834 Deodorants (not for human use).
2832 Depilatories.
3531 Derricks (other than oil-field equipment).
3199 Desk sets, leather.
2522 Desks, metal.
2521 Desks, office, wooden.
2099 Desserts (ready-to-mix).
2884 Detonating caps.
2884 Detonating fuses.
3912 Developers and developing tanks, photographic.
2094 Dextrine.
2881 Dextrine sizes.
3915 Diagnostic apparatus, physicians'.
3911 Dials, needle gauge.
3453 Diamond cutting and polishing.
2211 Diaper cloth, bird's-eye.
2251 Diaper cloth—made in finishing plants (except on a contract basis).
2253 Diaper cloth—made in finishing plants on a contract basis.
2399 Diapers.
2782 Diaries.
3295 Diatomaceous earth, ground.
3941 Dice and dice cups.
2886 Dichlorodifluoromethane.
3579 Dictating machines.
3491 Die castings, nonferrous (except aluminum).
3114 Die cutting, leather.
3543 Die sets.
3543 Die springs.
3542 Die-casting machines.
2691 Die-cut paper.
3543 Dies and die holders (metal-cutting).
3351 Dies for cutting cloth, paper, leather, etc. (except metal-cutting dies).
3953 Dies (hand seals).
3543 Dies, metal stamping and forming.
3831 Differentials and parts, automobile.
2421 Dimension stock, wooden (sawed).
2211 Dimities.
3712 Dining cars.
2511 Dining-room furniture.
3499 Dippers, ice-cream.
3311 Direct castings (made in independent blast furnaces).
3312 Direct steel castings (made in rolling mills).
2732 Directories, publishing and printing.
2734 Directories, publishing without printing.
33X4 Directors (sighting and fire-control equipment).
3721 Dirigibles.
2249 Dishcloths, knit.
2211 Dishcloths (made in cotton mills).
2699 Dishes, paper (made of converted paper).

2694 Dishes, pressed and molded pulp.
3941 Dishes, toy.
2599 Dishes, wooden.
3589 Dishwashing machines.
2834 Disinfectants.
3917 Disks, abrasive (dental).
3584 Display cases and cabinets (commercial) for ice or mechanical refrigeration.
2541 Display cases and fixtures.
2595 Display forms for boots and shoes.
2789 Display mounting.
3993 Displays, advertising.
3993 Displays, paint-process.
3363 Distillate oil burners, all types.
2922 Distillates (derived from byproduct coke ovens).
3551 Distillery machinery: Mixers, filters, grain pulverizers, bottle fillers, mash and yeast tubs, agitators, etc.
3619 Distribution boards, electric.
3641 Distributors, automotive.
3199 Dog collars, leather.
2042 Dog food.
3199 Dog furnishings, leather.
2699 Doilies, paper.
3943 Doll carriages.
3942 Doll clothing (including hats and shoes).
3942 Doll parts (except rubber).
3563 Dollies, industrial.
3942 Dolls (except rubber).
3051 Dolls, rubber.
3941 Dominoes.
3271 Door frames, concrete.
3383 Door frames, ferrous and nonferrous metal and metal covered.
2431 Door frames, wooden.
2262 Door mats (made of fiber, except wool).
3051 Door mats, rubber.
3349 Door mats, wire (made from purchased wire).
2431 Door sash, wooden.
2561 Door screens.
3383 Doors, ferrous and nonferrous metal and metal covered.
3398 Doors, vault (iron and steel).
2431 Doors, wooden.
3551 Dough mixers.
2051 Doughnuts.
3553 Dovetailing machines.
3543 Dowel pins.
2599 Dowels, wooden.
3974 Down (feathers).
3911 Drafting instruments.
3954 Drafting materials (except instruments).
3531 Drags, road.
3522 Drags, stone or stone boats.
3259 Drain tile, clay.
3271 Drain tile, concrete.
2221 Draperies, all-rayon, all-silk, rayon-mixture, or silk-mixture.
2571 Draperies, burial (door).
2251 Draperies, cotton (not made on a contract basis).
2253 Draperies, finished on a contract basis.
2391 Draperies—not made in textile mills.
2252 Draperies, rayon (finished—except on contract).
2252 Draperies, silk (finished—except on contract).
2211 Drapery fabrics, cotton.
2231 Drapery fabrics, woolen.
3552 Drawing frames (textile).
3954 Drawing tables and boards, artists'.
3351 Drawknives.
3531 Dredges.
2211 Dress fabrics, cotton.
2231 Dress fabrics, woolen and worsted.
2221 Dress goods, all-rayon, all-silk, rayon-mixture, or silk-mixture.
2251 Dress goods, cotton and linen (not made on a contract basis).
2253 Dress goods (except woolen)—made in finishing plants on a contract basis.
2252 Dress goods—made in silk and rayon finishing plants (except on a contract basis).
3971 Dress sets (jewelry), except precious metal and precious or semiprecious stone.
2511 Dressers.
2361 Dresses, children's and infants'.
2333 Dresses (except house dresses): Women's, misses', and juniors'.
2244 Dresses, knit.
2385 Dressing gowns.
2511 Dressing tables.
2893 Dressings, automobile top.
2893 Dressings for fabricated leather and other material.
3916 Dressings, surgical.
2033 Dried fruits and vegetables.
2811 Driers and drying japans.
3581 Driers, centrifugal (domestic laundry).
3581 Driers, clothes (heated cabinets).
2599 Driers, clothes (wooden).
3991 Driers, hair.
3621 Driers, hand and face (electric).
3912 Driers, photograph.
3522 Driers, seed.
3541 Drill presses (machine tool).
3543 Drilling machine attachments.
3541 Drilling machines (machine tool).
3453 Drilling pearls.
3532 Drilling tools (for gas, oil, or water wells).
3917 Drills, dental.
3542 Drills, electric and pneumatic (portable.)
3351 Drills, hand (metalworking).
3541 Drills (machine tools).
3543 Drills (machine-tool accessories).
2211 Drills (textile).
2095 Drink powders.
2699 Drinking cups, paper.
2699 Drinking straws (except glass).
3229 Drinking straws, glass.
3741 Drive chains: Bicycle, motorcycle.
3831 Drive shafts, automobile.
3566 Drives: Belt, cable, chain, gear, rope, sprocket.
3392 Drop forgings—not made in plants connected with rolling mills.
3542 Drop hammers (impression die).
2831 Drug grinding (drug milling).
2831 Druggists' preparations (pharmaceuticals).
3051 Druggists' sundries, rubber.
2831 Drugs.
3939 Drums.
3916 Drums, ear (artificial).
2664 Drums, fiber (metal end or all fiber).
2554 Drums, shipping (wooden).
3396 Drums, steel and other metal.
3941 Drums, toy.
2886 Dry ice (solid carbon dioxide).
3351 Dry shavers (electric razors).
3582 Dry-cleaning machines.
2893 Dry-cleaning preparations.
2811 Drying japans.
2211 Duck (cotton textile).
2015 Ducks, dressed and packed.
3949 Dumbbells.
3562 Dumb-waiters.
3579 Duplicating machines.
2393 Dust cloths.
3911 Dust samplers.
3564 Dust-collecting systems for factories.
2393 Dusters (except feather).
3974 Dusters, feather.
3522 Dusters, mechanical.
3561 Dusting outfits for paints and chemicals.
2211 Duvetyn.
2235 Dyed raw stock or yarn, woolen.
2251 Dyeing and finishing cotton and linen fabrics (except on contract).
2251 Dyeing and finishing cotton and linen yarn and thread (except on contract).
2253 Dyeing and finishing fabrics (except woolen) on a contract basis.

2252 Dyeing and finishing silk and rayon fabrics (except on contract).
2253 Dyeing and finishing thread on a contract basis.
2235 Dyeing and finishing woolen and worsted fabrics.
2235 Dyeing and finishing woolen and worsted yarn.
2252 Dyeing and finishing yarn and thread (silk and rayon)—except on contract.
2253 Dyeing and finishing yarn (except woolen) on a contract basis.
3974 Dyeing feathers (ostrich) for the trade.
2889 Dyes (coal-tar).
2889 Dyes, synthetic (coal-tar).
2881 Dyestuffs, natural: Chipped, dried, ground.
2881 Dyestuffs, natural (extracts).
2884 Dynamite.
3619 Dynamos, electric.

E

3916 Eardrums, pneumatic.
3954 Easels, artists'.
3495 Eaves, sheet-metal.
3454 Ecclesiastical ware: Plated, silver.
3351 Edge tools for woodworking (augers, bits, gimlets, countersinks, etc.)
3351 Edge tools (hand).
2789 Edging books, cards, or paper.
2292 Edgings (lace goods).
2099 Egg albumen.
2554 Egg cases, wooden.
2699 Egg-case fillers, paper.
2099 Eggs: Canned, dehydrated, desiccated, frozen, processed.
3916 Elastic hosiery (medical).
2212 Elastic webbing.
2243 Elastic-girdle blanks.
3913 Elbow telescopes.
3495 Elbows for conductor pipe.
3939 Electars (musical instruments).
3481 Electric candles (lighting fixtures).
3229 Electric insulators, glass.
3264 Electric insulators, porcelain.
3481 Electric lamps (boudoir, bridge, desk, floor, table).
3699 Electric lamps, supports and filaments for.
3621 Electrical appliances.
3641 Electrical equipment, automotive.
3481 Electric-lighting fixtures.
3915 Electrocardiographs.
3612 Electrodes, carbon or graphite.
3692 Electromedical apparatus and instruments.
3692 Electronic tubes, nonradio.
3472 Electroplating.
3692 Electrotherapeutic apparatus.
2794 Electrotype plates.
2794 Electrotyping.
3555 Electrotyping machines.
3562 Elevators and elevator equipment.
2571 Embalming fluids.
2571 Embalming tables.
2399 Emblems (made from fabric).
3451 Emblems (made of precious metal).
2751 Embossed labels, paper.
2789 Embossing books.
3114 Embossing of leather.
2751 Embossing on paper.
2214 Embroidery cottons.
3552 Embroidery machines.
23V1 Embroidery products, schiffli and all other types.
2213 Embroidery yarn (cotton).
3295 Emery, ground or otherwise treated.
3291 Emery wheels.
3954 Enamel (for china painting).
3253 Enamel tile.
3374 Enameling of metal products (vitreous or paint enameling), commission work.
2811 Enamels (except for china painting).
3265 Encrusting gold, silver, or other metal on china (for the trade).
3239 Encrusting gold, silver, or other nonferrous metal on glass (for the trade).
2511 End tables.
3722 Engines, aircraft.
3831 Engines and parts, automobile.
3512 Engines, Diesel, semi-Diesel.
3519 Engines, internal-combustion, including parts (except aircraft, automobile, Diesel, and semi-Diesel).
3511 Engines, steam (not including locomotive).
3471 Engraved badges, name plates, and signs.
3555 Engravers' materials.
3352 Engravers' tools.
3555 Engraving machines.
2792 Engraving on copper, steel, or wood plates (for printing purposes).
3471 Engraving on metals (for the trade), for purposes other than printing.
2792 Engraving on textile-printing rolls.
2751 Engraving, plateless.
2792 Engraving, steel line.
3912 Enlargers (photograph).
2333 Ensembles (women's and misses').
2751 Envelope printing.
3579 Envelope sealers.
3579 Envelope-filling machines.
3555 Envelope-printing presses.
2641 Envelopes.
2812 Eosine and pholoxime toners.
2831 Ephedrine.
3051 Erasers: Rubber, rubber and abrasive combined.
3941 Erector sets, toy.
3562 Escalators, passenger.
3373 Escutcheons.
2824 Essential oils.
2889 Ester gum.
3571 Estimating machines.
3555 Etching machines.
2792 Etching on copper, steel, or wood plates (for printing purposes).
3471 Etching on metals (for the trade) for purposes other than printing.
2889 Ether.
2861 Ethyl acetate.
2889 Ethyl butyrate.
2889 Ethyl cellulose (not plastic).
2883 Ethyl cellulose (plastic).
2889 Ethyl formate.
2889 Ethyl nitrite (nitrous ether).
2886 Ethylene.
2889 Ethylene glycol.
3522 Evaporators, sirup (domestic).
3531 Excavators: Cable, clamshell, crane, derrick, dragline, power shovel, etc.
2591 Excelsior pads and wrappers.
2411 Excelsior stock.
2591 Excelsior (wood).
3949 Exercising machines.
3831 Exhaust system and parts, automobile.
2884 Explosives.
3943 Express wagons, children's.
3631 Extension cords with attachment complete.
2599 Extension planks, wooden.
2833 Exterminating products (chemical).
3999 Extinguishers, fire (portable).
2881 Extracts, tanning.
3441 Extruded shapes, aluminum.
3542 Extruding machines and equipment (metal).
3914 Eyeglass lenses and frames.
3914 Eyeglasses, complete.
2699 Eyelets: Cloth, paper.
3999 Eyelets, metal.
3914 Eyes, glass.

F

2231 Fabrics, automobile.
2211 Fabrics (cotton), print-cloth-yarn.
2251 Fabrics, mercerized (not made on a contract basis).
2253 Fabrics, mercerized on a contract basis.
2253 Fabrics, printed on a contract basis.

3041 Fabrics, rubberized.
2231 Fabrics, woolen and worsted.
2832 Face lotions and powders.
2699 Facial tissues—not made in paper mills.
3251 Facing tile (hollow), unglazed.
2751 Facsimile letters, printed.
3253 Faience tile.
3113 Fancy leather.
2211 Fancy print cotton cloth.
3564 Fans, attic.
3621 Fans, electric.
3564 Fans, exhaust and ventilating.
3565 Fare-recording devices.
3522 Farm machinery and equipment (except tractors).
3352 Farming tools (hand).
2761 Fashion plates, lithographed.
2751 Fashion plates, printed.
3999 Fasteners: Glove, slide, snap.
3361 Faucets and spigots.
3974 Feathers, ornamental.
3974 Feathers (ostrich), cleaning and dyeing for the trade.
3974 Feathers (ostrich): Curling, dyeing, and renovating for the trade.
3191 Feed bags, horse.
2041 Feed, dry (stock).
3522 Feed grinders and crushers, attachments and parts.
2042 Feed, prepared (including mineral), for animals and fowls.
3522 Feeders and troughs, hog and cattle.
3295 Feldspar, ground or otherwise treated.
2599 Fellies, wooden.
2932 Felt, asphalt-saturated, roofing.
2626 Felt, building.
2291 Felt goods—wool, hair, and jute (except woven felts and hats).
2932 Felt, tar-saturated.
2291 Felts, acoustic (not woven).
2291 Felts, automotive (not woven).
2291 Felts, insulating (not woven).
2291 Felts, ironing-board (not woven).
2291 Felts, lining (not woven).
2293 Felts, mattress.
2291 Felts (not woven).
2211 Felts, paper.
2291 Felts, polishing (not woven).
2291 Felts, trimming (not woven).
2231 Felts, woven.
3381 Fence posts, iron (not made in plants connected with rolling mills).
2431 Fence, snow.
3381 Fences, iron (except wire)—not made in plants connected with rolling mills.
3349 Fencing, wire (made from purchased wire).
2888 Ferro-alloys (made by electrochemical process).
3311 Ferro-alloys made in blast furnaces.
2888 Ferromanganese.
2888 Ferromolybdenum.
2888 Ferrophosphorus.
2888 Ferrosilicon
2888 Ferrotitanium.
2888 Ferrotungsten.
2888 Ferrovanadium.
2871 Fertilizers, complete.
2872 Fertilizers, dry mix.
2871 Fertilizers (except dry mix).
2872 Fertilizers, incomplete.
3522 Fertilizing machinery, attachments, and parts.
2513 Fiber furniture, household.
2512 Fiber furniture, upholstered.
2611 Fiber pulp from rags, linters, and straw.
2294 Fiber, recovered.
3229 Fiberglass products.
2851 Fibers, synthetic.
33X1 Field artillery (having a bore greater than 0.60 inch).
3913 Field glasses.
2099 Fig pudding.
3953 Figures and letters, metal.
3998 Figures, wax (mannikins, etc.).
3699 Filaments for electric lamps.
3353 Files.
3353 Files, recutting and resharpening of.
2522 Filing boxes, cabinets, and cases (metal).
2521 Filing boxes, cabinets, and cases (wooden).
2699 Filing folders.
3541 Filing machines, metal (machine tool).
2811 Fillers: Dry, liquid, paste.
2699 Fillers, egg-case (paper).
2099 Filling, cake or pie.
2293 Filling, upholstery: Curled hair, cotton, moss, tow, kapok, and related materials (except excelsior).
3912 Films, photographic.
3912 Films, X-ray.
2211 Filter cloth.
2625 Filter paper.
3254 Filter-bed underdrains for sewage disposal plants.
3831 Filters, automobile.
3582 Filters, dry-cleaning machine.
3132 Findings, boot and shoe.
3452 Findings, jewelers'.
3999 Fingerprint equipment.
3114 Finishing of leather.
3255 Fire clay, made into special shapes.
3381 Fire escapes (not made in plants connected with rolling mills): Iron, steel.
3999 Fire extinguishers, portable.
3031 Fire hose, rubber.
3662 Fire-alarm and burglar-alarm apparatus.
3397 Firearms: Pistols, revolvers, rifles, shotguns.
3255 Firebrick.
3255 Fire-clay blocks, bricks, and tile.
33X4 Fire-control equipment, except optical.
3913 Fire-control instruments, optical.
3811 Fire-department vehicles (motor).
3359 Fireplace equipment (hardware).
3271 Fireplaces, concrete.
2897 Fireworks (all kinds).
2032 Fish: Boneless, cured, dried, pickled, salted, smoked.
2099 Fish cakes.
2031 Fish, canned.
2298 Fish lines.
2032 Fish meal.
2211 Fish nets and seines.
2825 Fish oil and fish-oil meal.
2873 Fish scrap (fertilizer material).
3949 Fishing tackle.
3324 Fittings, cast-iron.
3569 Fittings, metal (other than plumbers and steam).
2541 Fixtures, display, for merchandise.
2599 Flagpoles, wooden.
2399 Flags (made from fabric).
3913 Flank spotting instruments.
2211 Flannel, cotton.
2324 Flannel shirts (men's, youths', and boys').
2211 Flannelette.
2231 Flannels, bathrobe: Woolen.
2211 Flannels, canton.
2211 Flannels, interlining.
2897 Flares (all kinds).
3912 Flashlight apparatus (for photographers)—except bulbs.
3481 Flashlight cases.
3569 Flasks, iron.
3349 Flat coil springs.
3349 Flat springs not coiled (stampings for mechanical equipment, instruments, etc.).
3621 Flatirons, electric.
3454 Flatware, silver or plated.
2095 Flavoring concentrates.
2095 Flavoring extracts.
2095 Flavoring powders and pastes.
2095 Flavoring sirups.
2889 Flavors (coal-tar).
2889 Flavors, synthetic (coal-tar).
2297 Flax yarns and roves.
3542 Flexible-shaft machines (portable).
3949 Flies (artificial), for fishing.
3295 Flint, ground or otherwise treated

2421 Flitches, wooden.
3949 Floats, for fishlines.
2294 Flock.
3481 Floodlights.
3273 Floor composition (magnesite or other).
2263 Floor coverings, asphalted-felt-base.
2262 Floor coverings, woven (except woolen).
2261 Floor coverings, woven-wool.
3271 Floor filler tiles, concrete.
2893 Floor polish.
3271 Floor slabs, precast (concrete).
3253 Floor tile.
2893 Floor wax.
3251 Flooring brick (clay).
2431 Flooring (dressed lumber).
3033 Flooring, rubber (tile or sheet).
3271 Floors, concrete.
3533 Flotation machinery (mining).
2292 Flouncings (lace goods).
2045 Flour, blended (made from purchased flour).
2041 Flour, buckwheat.
2045 Flour, cake (made from purchased flour).
2041 Flour, cake (made in flour mills).
2041 Flour, corn.
2041 Flour mills.
2045 Flour: Phosphated, self-rising, or other prepared (biscuit, doughnut, pancake)—made from purchased flour.
2043 Flour, prepared or self-rising (biscuit, doughnut, pancake)—made by plants manufacturing cereal preparations.
2041 Flour, prepared or self-rising (biscuit, doughnut, pancake)—manufactured in grain-milling plants.
2044 Flour, rice.
2041 Flour, rye.
2041 Flour, wheat.
2599 Flour, wood.
3551 Flour-mill machinery: Grain-cleaning, milling, scouring, separating, bleaching, polishing, steaming, and hulling machinery.
3298 Flower boxes (other than stone or concrete).
3974 Flowers, artificial (except glass).
3239 Flowers, made of glass.
3974 Flowers, preserved.
3259 Flue lining.
2571 Fluids, embalming.
2834 Fluoride powders.
3295 Fluorspar, ground or otherwise treated.
3261 Flush tanks, lowdown (all clay).
3939 Flutes.
2834 Flux.
3191 Fly nets.
2639 Fly paper.
3349 Fly screening (made from purchased wire).
2833 Fly sprays.
3494 Foil: Aluminum, composition, lead, tin, etc. (except gold and silver).
3493 Foil, gold and silver.
2627 Folding boxboard.
2661 Folding boxes: Paper, paperboard.
3974 Foliage, artificial (except glass).
3239 Foliage, made of glass.
2095 Food colorings.
3551 Food mixers.
3551 Food-chopping, grinding, and slicing machinery.
3551 Food-packing and canning machinery: Can cleaning, testing, soldering, filling, sealing, seaming, and labeling machines; vegetable grading, seeding, pitting, peeling, shucking, and silking; cutting, slicing and chopping, hulling, washing, steaming, mixing, and cooking machinery; bottling, boxing, wrapping, marking, hoisting, and loading machines; kettles, coils, pulpers, finishers, juice extractors, strainers, wilters, and similar machinery.
3551 Food-products machinery.
2037 Foods, quick-frozen.
3916 Foot appliances (orthopedic).
3949 Football equipment (except uniforms).
3949 Footballs.
3021 Footholds, rubber.
2841 Foots soap.
2511 Footstools and ottomans.
3141 Footwear (except house slippers and rubber footwear).
3021 Footwear, rubber.
3917 Forceps, dental.
3569 Forges, fan.
3542 Forging hammers (flat die).
3542 Forging machines.
3542 Forging presses.
3491 Forgings: Brass, bronze, copper.
3312 Forgings (made in rolling mills).
3392 Forgings (not made in plants connected with rolling mills): Iron, steel.
3352 Forks: Farming, garden.
3351 Forks (steel), table.
2889 Formaldehyde.
3542 Formers, metal.
2761 Forms (commercial), lithographed.
3998 Forms: Display, dress, show (except shoe-display forms).
2595 Forms, display (for boots and shoes).
3998 Forms, metal (molds).
2342 Foundation garments (women's).
3441 Foundries, aluminum.
3321 Foundries, gray-iron.
3322 Foundries, malleable-iron.
3491 Foundries, nonferrous (except aluminum).
3323 Foundries, steel.
2834 Foundry facings.
3559 Foundry machinery and equipment: Tumbling mills; molding, sprue-cutting, core-making and crushing, sand-ramming, and handling machinery; cupolas, ladles, and similar equipment; flasks, chaplets, studs, and similar metal supplies.
2834 Foundry supplies.
3555 Foundry type.
3951 Fountain pens.
3051 Fountain syringes (rubber).
3951 Fountain-pen desk sets.
3271 Fountains, concrete.
3361 Fountains, drinking (enameled iron).
3298 Fountains (other than stone or concrete).
3349 Fourdrinier and cylinder wire cloth (made from purchased wire).
3554 Fourdrinier machines.
3916 Fracture appliances.
3383 Frames and sash, window: Ferrous and nonferrous metal and metal covered.
3831 Frames, automobile.
2599 Frames, clothes-drying (wooden).
3383 Frames, door: Ferrous and nonferrous metal and metal covered.
3552 Frames, doubling and twisting (textile machinery).
3954 Frames for artists' canvases.
3999 Frames: Handbag, luggage, pocketbook.
2596 Frames (metal or wooden) medallion, mirror, photograph, picture.
3741 Frames, motorcycle and bicycle.
3914 Frames, mountings, and parts: Eyeglass and spectacle.
3995 Frames, umbrella and parasol.
2431 Frames, wooden: Door, window.
2512 Frames (wooden) for upholstered household furniture.
2596 Framing pictures for the trade.
2013 Frankfurters.
3551 Freezers, ice-cream.
2036 French dressing.
3619 Frequency changers, electric.
2222 Fringes, rayon or silk.
3954 Frisket paper.
3954 Friskets.
3392 Frogs (not made in plants connected with rolling mills): Iron, steel.

2034 Fruit butters.
2033 Fruit cocktails: Bottled, canned.
3522 Fruit grading, cleaning and sorting machines.
3221 Fruit jars, glass.
2033 Fruit juices: Bulk, canned, bottled.
2095 Fruit juices (except grape) for fountain use.
2033 Fruit salad, canned.
2034 Fruit-peel products.
2071 Fruit-peel products, glacé.
3974 Fruits, artificial (except glass).
2034 Fruits, brining of.
2071 Fruits: Candied, glazed, crystallized.
2033 Fruits: Canned, dried.
2095 Fruits, crushed (for soda fountain use).
3239 Fruits, made of glass.
2035 Fruits, pickled.
2037 Fruits, quick-frozen.
2071 Fudge (candy).
2911 Fuel oils.
2991 Fuel, powdered.
3831 Fuel system and parts, automobile (gas tanks, carburetors, fuel pipes, check valves, manifolds, and pressure pumps).
3295 Fuller's earth, ground or otherwise treated.
2884 Fulminate of mercury.
2833 Fungicides.
2371 Fur caps.
2371 Fur coats.
3992 Fur dressing: Scraping, currying, bleaching, tanning, and dyeing.
2371 Fur hats.
2371 Fur jackets.
2371 Fur neckpieces.
2371 Fur plates.
2371 Fur trimmings.
2371 Fur wearing apparel.
3564 Furnace blowers (blower filter units).
3495 Furnace casings, sheet metal.
3362 Furnace-burner units, complete (warm air), fuel oil.
3619 Furnaces, electric.
3362 Furnaces, hot-air.
3365 Furnaces, hot-water.
3569 Furnaces, pottery (melting and soldering).
2531 Furniture, assembly-hall.
2519 Furniture, built-in (factory production only).
2511 Furniture, camp.
2531 Furniture, church (except marble).
3289 Furniture, church (marble): Altars, baptismal fonts, communion tables, pulpits, etc.
2511 Furniture, dining-room.
3271 Furniture, garden (concrete).
3359 Furniture hardware (including casters).
2532 Furniture, hospital.
2513 Furniture, household (fiber).
2513 Furniture, household (malacca).
2514 Furniture, household (metal).
2511 Furniture, household—not upholstered (wooden).
2513 Furniture, household: Rattan, reed.
2512 Furniture, household: Upholstered (wooden frames).
2513 Furniture, juvenile: Rattan, reed.
2532 Furniture, laboratory (stools, tables, etc.).
2531 Furniture, library.
3289 Furniture, limestone.
2512 Furniture, living-room: Upholstered (wooden frames).
3553 Furniture makers' machinery.
2511 Furniture, novelty (wooden).
2511 Furniture, nursery (juvenile).
2522 Furniture, office (metal).
2521 Furniture, office (wooden).
2514 Furniture, porch (metal).
2513 Furniture, porch: Rattan, reed.
2511 Furniture, porch (wooden).
2532 Furniture, professional.
2531 Furniture, public building.
2522 Furniture, restaurant (metal).
2521 Furniture, restaurant (wooden).
2531 Furniture, school.
2512 Furniture suites, upholstered.
2531 Furniture, theater.
3239 Furniture tops, glass.
3941 Furniture, toy.
2599 Furniture turnings and carvings (wooden).
2513 Furniture, wicker.
3619 Fuse blocks.
3619 Fuse clips.
2884 Fuse powder.
2897 Fuses: Highway, marine, railroad.
3619 Fuses, electrical.
2884 Fuses, safety.
2881 Fustic extract.
38X2 Fuzes (for ammunition over caliber .60).

G

3831 Gages, automobile: Oil pressure, water temperature, etc.
3569 Gages, liquid level.
3543 Gages (plug, ring, snap, and thread).
3366 Gages (steam and water).
3021 Gaiters, rubber.
3555 Galleys and chases, printers'.
2292 Galloons, lace.
3312 Galvanized bands, hoops, pipes, plates, sheets, and strips (made in rolling mills).
3373 Galvanized-iron ware (household).
3375 Galvanizing, commission.
2881 Gambier extract.
3949 Game calls, decoy for game.
3941 Games (except playing cards).
3271 Garbage boxes, concrete.
3271 Garden furniture, concrete.
3269 Garden pottery.
3349 Garment hangers (made from purchased wire).
3113 Garment leather.
2571 Garments, burial.
2387 Garments, leather (including sheep-lined).
2387 Garments, sheep-lined.
3291 Garnet paper.
3552 Garnetting machines (textile).
2342 Garter belts.
2384 Garters and hose supporters.
3911 Gas analysis equipment.
3917 Gas apparatus, dental.
3365 Gas burner units, complete.
2922 Gas, coal (derived from byproduct coke ovens).
**** Gas: Heating, illuminating (manufacture and distribution through mains). (*See* Vol. II.)
3916 Gas masks.
2886 Gases, compressed and liquefied—not made in petroleum refineries or in natural gasoline plants.
3293 Gaskets, asbestos.
2291 Gaskets, felt (not woven).
3293 Gaskets, made of fiber, paper, or any combination of materials.
3499 Gaskets, nonferrous metal.
3031 Gaskets, rubber.
3482 Gas-lighting fixtures.
2911 Gasoline (except natural gasoline).
3381 Gates, iron (except wire)—not made in plants connected with rolling mills.
2211 Gauze (except surgical).
3916 Gauze, surgical.
3541 Gear-chamfering machines (machine tools).
3541 Gear-cutting machines.
3831 Gears, automobile.
3392 Gears, forged steel—not made in plants connected with rolling mills.
3741 Gears, motorcycle and bicycle.
3981 Gears, plastic.
3566 Gears, power-transmission.
3541 Gear-tooth grinding machines (machine tools).
2015 Geese, dressed and packed.
2894 Gelatin: Edible, inedible.

3555 Gelatin rolls (used in printing, etc.).
3619 Generating apparatus and parts (except automotive).
3619 Generator sets, steam-turbine.
3641 Generators, automotive.
3619 Generators (except automotive).
3569 Generators, gas.
2221 Georgettes, silk.
2831 Geraniol.
2789 Gilding books, cards, or paper.
3493 Gilding materials (thin sheets of gold).
3351 Gimlets (edge tools for woodworking)
2222 Gimps, rayon or silk.
2085 Gin.
2081 Ginger ale.
2211 Ginghams.
2293 Ginned moss (for upholstery).
3559 Gins, cotton.
2342 Girdles.
2831 Gland products.
3229 Glass and glass products (not made from purchased glass), industrial.
3229 Glass and glass products (not made from purchased glass), scientific.
3229 Glass and glass products (not made from purchased glass), technical.
3229 Glass, automobile (except laminated or safety glass): Cut, beveled, polished.
3229 Glass blanks for electric light bulbs.
3229 Glass blocks or bricks.
3211 Glass, building (flat).
3221 Glass containers.
3239 Glass: Cut, beveled, etched.
3914 Glass eyes.
3239 Glass, ground.
3239 Glass, laminated (made from purfacturers).
3239 Glass, laminated (made from purchased glass).
3239 Glass, leaded.
3239 Glass, mosaic.
3239 Glass novelties.
3211 Glass, obscured (cathedral, skylight, opalescent sheet glass, etc.).
3913 Glass, optical (not ground or polished).
3239 Glass, ornamented.
3239 Glass, plate: Beveling or polishing of purchased glass.
3211 Glass, plate: Polished, rough.
3211 Glass: Rolled, rough-fluted, figured, etc.
3239 Glass, safety (made from purchased glass).
3239 Glass, scientific-apparatus (for druggists, hospitals, laboratories, etc.), made from purchased glass.
3239 Glass, sheet (bent), made from purchased glass.
3239 Glass, stained.
3211 Glass, window (except plate).
3229 Glass wool.
3559 Glass-blowing and forming machinery.
3913 Glasses, field.
3913 Glasses, opera.
3914 Glasses: Sun or glare.
3559 Glass-grinding and polishing machinery.
3255 Glass-house tank blocks (clay).
2624 Glassine wrapping paper.
3239 Glassware, decorated (chipped, engraved, etched, sand-blasted, etc.).
3221 Glassware, pressed (packers' ware).
3229 Glassware, smokers' (ash trays, tobacco jars, etc.): Hand-made, machine-made.
3229 Glassware, stationers' (inkwells, clip cups, etc.): Hand-made, machine-made.
2639 Glazed paper.
3721 Gliders (aircraft).
2514 Gliders, metal (furniture).
2732 Globe covers (maps), publishing and printing.
2831 Globules.
3113 Glove leather.
3112 Glove linings, leather.
2381 Gloves and mittens (dress and work), made from cloth, or from cloth and leather combined.
3151 Gloves and mittens, leather.
3949 Gloves and mitts, baseball.
3949 Gloves, boxing.
2571 Gloves, burial.
2246 Gloves, knit (seamless-fingered).
3051 Gloves, rubber: Surgeons', electricians', household, etc.
3949 Gloves, sporting and athletic.
3917 Glue, dental.
2894 Glue (except dental).
2841 Glycerin.
2889 Glycerophosphates.
3943 Gocarts.
3914 Goggles, protection and industrial.
3914 Goggles, sun
3493 Gold beaters.
3917 Gold, dental.
3493 Gold foil.
3416 Gold ingots and bars, from the ore.
2891 Gold ink.
3493 Gold leaf (in packs or rolls).
3954 Gold or bronze mixtures, powders, paints, and sizes (artists').
3421 Gold refining and alloying (not from the ore), except dental gold.
3416 Gold refining (primary).
3954 Gold, Roman (artists').
3421 Gold smelting and refining (secondary).
2789 Gold stamping (on books).
3949 Golf balls.
3949 Golf goods.
2253 Goods, mechanical (cotton fabrics)—made on a contract basis.
3565 Governors, gas.
3569 Governors, pump (for gas machines).
3531 Graders (construction).
3522 Grading machines for fruits, grains, vegetables.
3522 Grain grading, cleaning and sorting machines.
3551 Grain-mill machinery.
3289 Granite, cut and shaped (for building, ornamental, paving, and other uses).
3613 Graphic recording meters, electric.
3297 Graphite and other carbon refractories (nonclay).
3297 Graphite crucibles and retorts (nonclay).
3294 Graphite: Ground, natural, refined.
3351 Grass hooks.
3974 Grasses, artificial (except glass).
3271 Grave vaults, concrete.
2571 Grave vaults, metal.
3555 Gravure presses.
2771 Gravure printing.
3321 Gray-iron castings.
3321 Gray-iron foundries.
2895 Grease (except lubricating grease).
3561 Grease guns.
2896 Grease, lubricating (not made in petroleum refineries).
3121 Grease retainers, leather.
3271 Grease traps, concrete.
2624 Greaseproof wrapping paper.
2911 Greases (petrolatum, mineral jelly, etc.)
2881 Greases (textile assistants).
2741 Greeting cards (except hand-painted).
33X2 Grenades.
3621 Griddles, electric.
3621 Grilles, electric.
3381 Grilles (not made in plants connected with rolling mills): Iron, steel.
3541 Grinding machines (machine tools).
3291 Grindstones, artificial.
**** Grindstones, natural. (*See* Vol. II).
2041 Grits and flakes, corn (for brewers' use).
3295 Ground minerals, earths, rocks.
2629 Ground-wood paper.
3949 Guards: Football, basketball, soccer, lacrosse, etc.
3349 Guards, wire (made from purchased wire).
2734 Guides, publishing without printing.
3939 Guitars, electric and non-electric.
2881 Gum sizes.

2751 Gummed labels and seals (printed or embossed).
2633 Gummed paper.
2633 Gummed tape: Cloth, paper.
3579 Gummed-tape moisteners.
33X1 Gun carriages.
33X4 Gun data computers.
3312 Gun forgings (made in rolling mills).
33X1 Gun mounts and parts.
33X4 Gun sights (except optical).
33X1 Gun turrets and parts.
2884 Gunpowder (black).
33X1 Guns (having a bore greater than 0.60 inch).
3941 Guns, toy.
3495 Gutters, sheet-metal.
3949 Gymnasium equipment (except uniforms).
3916 Gynecological supplies.
3272 Gypsum blocks and tile.
3272 Gypsum board.
3272 Gypsum plaster.
3272 Gypsum products.
3272 Gypsum rock.

H

3999 Hair and bristles, dressing.
2293 Hair, curled (for upholstery filling).
2832 Hair dressings, dyes, tonics, and removers.
3621 Hair driers, electric.
3994 Hair goods (braids, nets, switches, toupees, wigs, etc.).
2231 Haircloth.
3999 Hairpins, other than rubber.
3032 Hairpins, rubber.
2792 Halftones, engraved.
3191 Halters (harness).
2071 Halvah.
2013 Ham: Boiled, boneless, roasted.
3522 Hammer and roughage mills.
3542 Hammers: Chipping, riveting, and calking.
3352 Hammers, hand.
3542 Hammers, power (forging machinery).
2519 Hammocks.
2552 Hampers, laundry (except metal).
3495 Hampers, laundry (metal).
2841 Hand pastes (soap).
3171 Handbags, women's (regardless of material).
2251 Handkerchief cloth, cotton and linen—not made on a contract basis.
2253 Handkerchief cloth—made on a contract basis.
2382 Handkerchiefs.
23VI Handkerchiefs, embroidered: Bonnaz, hand-made, and schiffli.
2699 Handkerchiefs, paper—not made in paper mills.
2214 Hand-knitting cottons.
2213 Hand-knitting yarn (cotton).
2411 Handle bolts (wooden).
3741 Handlebars, motorcycle and bicycle.
3199 Handles, leather (for luggage).
3995 Handles, umbrella and parasol (except gold and silver).
3451 Handles, umbrella and parasol: Gold, silver.
2599 Handles, wooden.
2411 Handlestock (wooden).
2599 Hangers, garment (wooden).
3566 Hangers, power-transmission shafting.
2629 Hanging paper (wallpaper stock).
2812 Hansa-yellow toners.
3399 Hardening of steel (for the trade).
3032 Hard-rubber goods.
3032 Hard-rubber rods.
3032 Hard-rubber sheets.
3032 Hard-rubber tubes.
3359 Hardware, automobile.
3359 Hardware, builders' (including lock sets).
3359 Hardware, cabinet (including locks).
3359 Hardware, casket.
3359 Hardware, furniture (including casters).
3359 Hardware, marine.
3359 Hardware, motor vehicle (locks, hinges, and handles).
3359 Hardware, piano and organ.
3611 Hardware, pole-line.
3359 Hardware, saddlery and harness.
3359 Hardware, trunk and suitcase (including locks).
3359 Hardware, vehicle (including lock units).
2861 Hardwood distillation.
3191 Harness and harness parts.
3113 Harness leather.
3939 Harps.
3522 Harrowing machines, attachments, and parts.
2273 Harvest hats.
3522 Harvesting machines, attachments, and parts.
2393 Hassocks.
2222 Hat bands, rayon or silk.
3998 Hat blocks.
2271 Hat bodies, fur-felt.
2272 Hat bodies, wool-felt.
3161 Hat boxes (except paper).
2662 Hat boxes, paper.
3981 Hat covers, sheet rubber (pliofilm).
23X3 Hat findings, men's.
2351 Hat frames.
23X3 Hat linings.
23X3 Hat trimmings, men's.
3351 Hatchets.
3559 Hat-making machinery.
23X2 Hats and caps, uniform (cloth).
3942 Hats, doll.
23X2 Hats (except felt and straw): Men's, boys'.
2271 Hats, fur-felt.
2271 Hats, fur-felt (men's and boys'), finished from purchased bodies.
2244 Hats, ladies' (knit).
2273 Hats, Panama.
2699 Hats, paper (novelties).
23X2 Hats, silk and opera.
2273 Hats, straw (made complete in plant).
2272 Hats, wool-felt (men's and boys'), finished from purchased bodies.
2351 Hats, trimmed—women's, misses', children's.
2272 Hats, wool-felt.
2272 Hats, wool-felt (men's and boys'), finishing from purchased bodies.
2274 Hatters' fur.
3522 Hay presses, attachments, and parts.
3295 Haydite, ground or otherwise treated.
3522 Haying machines, attachments, and parts (mowers, rakes, loaders, etc.).
2013 Headcheese.
2424 Heading, barrel (cooperage stock).
2411 Heading bolts.
3481 Headlights (for motor vehicles, locomotives, etc.).
2369 Headwear, infants' (not knitted).
2244 Headwear, knit.
2099 "Health foods."
3692 Health lamps, electric.
3699 Hearing aids, electrical.
3916 Hearing aids (except electrical).
3811 Hearses (motor vehicles).
3399 Heat treating of steel (for the trade).
3621 Heaters, air (electric).
3831 Heaters, automobile.
3621 Heaters, heating apparatus, and appliances: Electric.
3621 Heaters, immersion (electric).
3369 Heaters, room: Gas, kerosene.
3369 Heaters, solar.
3369 Heaters, unit.
3621 Heaters, water (electric).
3362 Heaters, water (except electric).
3365 Heating apparatus: Hot-water, steam (except water heaters).
3621 Heating pads, electric.
3619 Heating units and devices, electric (industrial).
3293 Heat-insulating materials (for covering boilers, steam and hot-water pipes, etc.).

3552 Heddles, wire (for loom harnesses).
3132 Heel caps, metal.
3132 Heels, boot and shoe (finished wood).
3131 Heels, boot and shoe (leather).
3022 Heels, boot and shoe (rubber).
3913 Height finders and directors, optical.
2886 Helium.
3949 Helmets, athletic.
3199 Helmets, leather (except athletic).
2881 Hemlock extract.
2298 Hemp yarns and roves.
23V1 Hemstitching (for the trade).
2831 Herb grinding.
2211 Hickory stripes (cotton fabrics).
2012 Hides, cured or uncured (incidental to custom slaughtering operations).
2511 High chairs, children's.
3292 High-temperature cement.
3662 Highway signals, electric.
3941 Hobbyhorses.
3352 Hoes.
2012 Hogs, slaughtering, contract only (wholesale).
2011 Hogs, slaughtering on own account (wholesale).
2555 Hogsheads.
3531 Hoists (construction).
3996 Holders: Cigar, cigarette (except hard-rubber).
3952 Holders, pencil.
3251 Hollow building tile (partition, load-bearing, furring, book tile; conduit tile; floor-arch, silo, and corn-crib tile: radial chimney blocks; fire-proofing tile; etc.).
3454 Hollow ware: Silver, nickel-silver, plated, pewter.
3199 Holsters, leather.
2033 Hominy, canned.
2043 Hominy (except canned hominy).
2041 Hominy grits.
3291 Hones.
2099 Honey.
3541 Honing machines (machine tool).
3831 Hoods, automobile.
3999 Hooks and eyes.
3999 Hooks, crochet.
3949 Hooks, fishing.
2424 Hoops, wooden, slack (cooperage stock).
2334 Hoovers (garments).
3495 Hoppers, sheet metal.
3831 Horns, automobile.
3941 Horns, toy.
3191 Horse boots and muzzles.
3799 Horse-drawn vehicle parts: Axles, wheels, etc.
3799 Horse-drawn vehicles.
2035 Horseradish.
3392 Horseshoes—not made in plants connected with rolling mills.
3569 Hose and tubing, metallic: Flexible.
3499 Hose couplings.
3031 Hose, fire (rubber).
3031 Hose, rubber (except medical).
3916 Hose, rubber (medical).
2212 Hose, tubular (cotton narrow fabrics).
3916 Hosiery, elastic (medical).
2241 Hosiery, full-fashioned.
3552 Hosiery machines.
2242 Hosiery—seamless.
2532 Hospital beds.
2532 Hospital furniture.
3441 Hospital utensils, aluminum (except electric).
3499 Hospital utensils, nonferrous (except aluminum).
3373 Hospital utensils, stamped.
3371 Hospital utensils, vitreous-enameled.
3621 Hot plates, electric.
3362 Hot-air furnaces.
3262 Hotel china.
3491 Hot-pressed brass, bronze, copper.
3312 Hot-rolled products and forgings, finished (made in rolling mills).
3365 Hot-water furnaces.
2369 House coats, children's.
2385 House coats, except children's.
2334 House dresses.
3142 House slippers.
2393 Housefurnishings (except curtains, draperies, and bedspreads).
3441 Household appliances, aluminum (except electric).
2834 Household chemical compounds.
2514 Household furniture, metal.
2511 Household furniture, not upholstered (wooden).
2513 Household furniture: Rattan, reed.
2512 Household furniture, upholstered (wooden frames).
2833 Household insecticides and repellants.
2834 Household tints and dyes.
3499 Household utensils, nonferrous (except aluminum).
3373 Household utensils, stamped.
3371 Household utensils, vitreous-enameled.
2431 Houses, portable (ready-cut)—made chiefly of wood.
3981 Housings (plastic) for cameras, scales, radios, etc.
33X1 Howitzers (having a bore greater than 0.60 inch).
2599 Hubs, wooden.
3522 Hullers, cottonseed and clover.
3584 Humidifier equipment.
3552 Humidifying machines for cotton, rayon, silk, and other fabrics.
2329 Hunting coats and vests (men's).
3949 Hunting equipment (except firearms and ammunition).
3522 Huskers, corn.
3275 Hydrated lime.
3991 Hydraulic chairs (barber and beauty shop).
2886 Hydrocarbon gases.
2889 Hydrochloric acid.
2889 Hydrofluoric acid.
2886 Hydrogen.
2889 Hydrogen peroxide.
2886 Hydrogen sulphide.
3911 Hydrometers.
2889 Hydrosulphites.
2889 Hydroxides.
2889 Hypochlorites.
3915 Hypodermic needles.
3915 Hypodermic syringes.
2889 Hypophosphites.

I

3584 Ice boxes: Metal, wooden.
2024 Ice cream.
2097 Ice, manufactured.
2024 Ice milk.
3949 Ice skates.
2099 Ice-cream cones.
3551 Ice-cream manufacturing machinery: Batch measuring, cooling, homogenizing, freezing, and mixing machinery; slab-slicers, cutters, fillers, dippers, and coaters.
2023 Ice-cream mix (unfrozen, made for sale as such).
2024 Ice-cream molds (bunnies, cakes, pies, etc., cast into special molds).
2024 Ice-cream specialties (cups, sticks, etc.)
2099 Ice-cream wafers.
3559 Ice-making machinery.
2023 Ice-milk mix (unfrozen, made for sale as such).
2024 Ice-milk specialties (cups, sticks, etc.).
2024 Ices.
3641 Ignition apparatus.
3631 Ignition-cable sets or wire assemblies for internal-combustion engines.
3229 Illuminating glass (not made from purchased glass).
2911 Illuminating oils.
3298 Images, small (statuary).
2751 Imprinting.
3482 Incandescent mantles.
3651 Incandescent-filament lamps (complete bulbs).
3559 Incandescent-lamp making machinery.

2834 Incense.
3369 Incinerators.
3369 Incubators except wooden.
2599 Incubators, wooden.
2691 Index cards, plain.
3613 Indicating instruments, electric.
3911 Indicating instruments, scientific.
3619 Industrial apparatus, electrical.
2329 Industrial garments.
3229 Industrial glass and glass products (not made from purchased glass).
3711 Industrial locomotives and parts.
2244 Infants' outerwear, knit.
3312 Ingots, steel (made in rolling mills).
3915 Inhalators.
2899 Ink and fluids, writing.
2891 Ink, bronze.
2893 Ink, burnishing.
3954 Ink, drawing (sepia and India).
2893 Ink eradicators.
2891 Ink, gold.
2899 Ink, indelible.
2891 Ink, lithographic, finished.
3229 Inkwells, glass (hand-made, machine-made).
3011 Inner tubes and tires: Airplane, automobile, bicycle, motorcycle.
2833 Insect powder.
2833 Insecticides.
2292 Insertions (lace goods).
3831 Instrument-board assemblies (automobile).
3613 Instruments, laboratory testing and scientific (electric).
3954 Instruments, lettering.
3631 Insulated wire and cable.
2627 Insulating board—made in paperboard mills.
2834 Insulating compounds.
2291 Insulating felts (not woven).
2592 Insulating materials, cork.
3273 Insulating materials for buildings (except asbestos, cork, felt, metal foils, and mineral wool).
3273 Insulation board made with plaster (except gypsum).
2628 Insulation board made without plaster.
2628 Insulation cellular fiber.
3031 Insulation goods, rubber.
3274 Insulation mineral wool (except asbestos), rock, slag, vermiculite, and ore.
3273 Insulation, nonrigid thermal (except asbestos and mineral wool).
3611 Insulators: Bakelite, laminated or molded phenolic, vulcanized fiber.
3229 Insulators, electric (glass).
3264 Insulators, electric (porcelain).
3611 Insulators, plastic.
3662 Intercommunicating systems, electric.
2211 Interlining flannels.
2231 Interlinings, woolen and worsted.
2831 Intramuscular products, prepared.
2831 Intravenous products, prepared.
2782 Inventory blanks.
2792 Invitations, engraved.
2889 Iodides.
2831 Iodine.
2831 Iodoform.
3421 Iridium refining and alloying, not from the ore.
3416 Iridium refining (primary).
3421 Iridium smelting and refining (secondary).
2861 Iron, charcoal.
2812 Iron oxides.
3321 Iron rolls for rolling mills.
3581 Ironers and mangles, domestic.
2291 Ironing-board felts (not woven).
3295 Iron-oxide ores, ground or otherwise treated.
3621 Irons, electric.
3581 Irons, pressing.
3352 Ironworkers' tools (hand).
3271 Irrigation pipe, concrete.
3495 Irrigation pipe, sheet metal.
2889 Isopropyl alcohol.

J

3569 Jack screws.
2329 Jackets, melton: Men's.
2329 Jackets, suede.
2331 Jackets, women's, misses', and juniors'.
3569 Jacks, hydraulic.
3352 Jacks (lifting), screw and ratchet.
3552 Jacquard card-cutting machines.
2691 Jacquard cards for textile-fabric machines.
2211 Jacquard woven fabrics (cotton).
2034 Jams (fruit).
3114 Japanning of leather.
3374 Japanning of metal products (commission work).
2811 Japans, baking.
2811 Japans, drying.
3031 Jar rings, rubber.
3221 Jars, glass.
2211 Jeans, cotton.
2034 Jellies (edible).
2243 Jersey (knit cloth).
2244 Jerseys, knit.
3453 Jewel cutting, drilling, polishing, recutting, or setting.
3453 Jewel preparing (for electrical and surveyors' instruments and for watches and chronometers).
3451 Jewel settings and mountings.
2691 Jewelers' cards.
3452 Jewelers' findings and materials.
3559 Jewelers' machines.
3352 Jewelers' tools (hand).
3971 Jewelry, costume (except precious metal and precious or semiprecious stone,
3451 Jewelry, enameling.
3971 Jewelry (except precious metal, and precious or semiprecious stone).
3451 Jewelry (made of precious metal or precious or semiprecious stone).
3543 Jigs and fixtures (machine-tool accessories).
2751 Job printing.
3566 Joints, universal.
3271 Joists, concrete.
3221 Jugs, glass.
2627 Jute board.
2297 Jute goods (except jute felt and cordage).
2291 Jute-felt goods (not woven).
2513 Juvenile furniture: Rattan, reed.

K

2811 Kalsomines
3295 Kaolin, ground or otherwise treated.
3272 Keene's cement.
3396 Kegs, steel and other metal.
2555 Kegs, wooden.
2911 Kerosene.
3482 Kerosene lamps.
2035 Ketchup.
3172 Key cases, leather.
3541 Keyseating machines.
2421 Kiln-drying of lumber.
2511 Kitchen cabinets.
3441 Kitchen utensils, aluminum (except electric).
3499 Kitchen utensils, nonferrous (except aluminum).
3371 Kitchen utensils, vitreous-enameled.
3349 Kitchen wire goods (made from purchased wire).
3941 Kites.
3161 Kits, luncheon (regardless of material).
2555 Kits, wooden.
3916 Kneecap supporters.
3351 Knife blanks.
2051 Knishes.
2243 Knit cloth.
2246 Knit gloves and mittens.
2244 Knit headwear.
2244 Knit outerwear (except knit gloves).
2245 Knit underwear.
3291 Knitted buffing wheels.

3552 Knitting machines.
3351 Knives, for paper and cloth cutting machines.
3351 Knives, hay.
3351 Knives, steel (table, pocket, or other).
2599 Knobs and handles, wooden.
3264 Knobs, tubes, and cleats (porcelain insulators).
2627 Kraft board.
2624 Kraft wrapping paper.
2033 Kraut, canned.
2033 Kraut juice: Bulk, canned.
2025 Kumyss.

L

3569 Labeling machines.
2751 Labels and seals, gummed (printed or embossed).
2751 Labels, embossed (paper).
2633 Labels, gummed.
2761 Labels, lithographed.
2751 Labels, seals, and tags: Paper (printed).
2212 Labels, woven (cotton).
2222 Labels, woven (rayon or silk).
2532 Laboratory furniture (stools, tables, etc.).
3911 Laboratory instruments (except electric).
3613 Laboratory testing and scientific instruments, electric.
3911 Laboratory testing and scientific instruments, except electric.
3552 Lace and net machines.
23V1 Lace, burnt-out.
2292 Lace curtains.
2292 Lace goods.
3113 Lace leather.
2292 Laces, barmen.
3132 Laces, boot and shoe (leather).
2212 Laces, corset.
2212 Laces for shoes and corsets—made in cotton mills.
2292 Laces, levers.
2222 Laces—made in rayon or silk mills.
2811 Lacquer bases and dopes.
3374 Lacquering of metal products (commission work).
2811 Lacquers: Clear, pigmented.
2889 Lactates.
2599 Ladders and parts, wooden.
3381 Ladders, chain—not made in plants connected with rolling mills.
2812 Lake-red C toners.
2011 Lamb (meat, produced in meat-packing establishments).
3211 Laminated glass made by glass manufacturers.
3239 Laminated glass made from purchased glass.
3295 Laminated mica.
3973 Lamp shades, except glass and metal.
3973 Lamp shades, frames for.
3229 Lamp shades, glass.
3482 Lamp shades, metal.
2887 Lampblack.
3482 Lamps and lamp parts (except electric).
3482 Lamps and lanterns: Gasoline, kerosene, acetylene.
3481 Lamps, arc (except therapeutic).
3692 Lamps, arc (therapeutic).
3481 Lamps, automobile.
3481 Lamps, bicycle.
3482 Lamps, carbide.
3481 Lamps (electric): Boudoir, bridge, desk, floor, table.
3229 Lamps (glass parts).
3692 Lamps, health (electric).
3651 Lamps, incandescent-filament (complete bulbs).
3481 Lamps, motorcycle.
3651 Lamps, photoflash and photoflood.
3651 Lamps, photographic (electric).
3914 Lamps, slit (ophthalmic).
3229 Lantern globes, glass.
3941 Lanterns, magic.
3453 Lapidary work (contract and other)
3541 Lapping machines (metalworking).
2011 Lard.
2595 Last sole patterns.
2595 Lasts, boot and shoe.
3052 Latex, foamed.
3381 Lath, expanded metal—not made in plants connected with rolling mills.
2421 Lath (sawed).
3543 Lathe attachments.
3543 Lathe tools.
3541 Lathes (machine tools).
3553 Lathes, wood turning (including accessories).
3113 Latigo leather.
2393 Laundry bags—not made in textile mills.
3581 Laundry equipment, domestic.
2552 Laundry hampers (except metal).
3495 Laundry hampers (metal).
3582 Laundry machines, commercial.
2211 Laundry nets.
2893 Laundry tablets.
3271 Laundry trays, concrete.
3261 Lavatories, all clay.
3361 Lavatories, enameled iron.
3522 Lawn mowers: Hand, power.
2211 Lawns (cotton fabrics).
3429 Lead alloys (product of secondary smelting).
2833 Lead arsenate.
3294 Lead, black (graphite): Ground, refined.
3494 Lead foil.
3412 Lead ingots and bars, from the ore.
3429 Lead ingots and bars, not from the ore.
2812 Lead oxides.
3952 Lead pencils, cased in wood, paper, or other material.
3412 Lead smelting and refining (primary).
3429 Lead smelting and refining (secondary).
2811 Lead (white or red) in oil.
3239 Leaded glass.
3949 Leaders, fishing.
3699 Lead-in wires for electric bulbs.
3952 Leads, pencil (black, indelible, or colored).
3954 Leaf, stamping.
3569 Leak detectors, water.
2295 Leather, artificial.
3113 Leather, bag.
3121 Leather belting: Flat, solid, twist, built-up.
3113 Leather, bookbinders'.
3113 Leather, case.
3113 Leather, collar.
3115 Leather, currying of.
3114 Leather, cutting of.
3114 Leather, embossing of.
3113 Leather, fancy.
2893 Leather finishes.
3114 Leather, finishing of.
3113 Leather, garment.
3113 Leather, glove.
3199 Leather goods, embossed.
3172 Leather goods, small.
3113 Leather, harness.
3114 Leather, japanning of.
3113 Leather, lace.
3113 Leather, latigo.
3112 Leather, lining: Calf, kid, sheep.
3113 Leather, roller.
3113 Leather, skirting.
3111 Leather, sole.
3113 Leather, strap.
3113 Leather, upholstery.
3112 Leather, upper (alligator, calf and kip, cattle patent, cattle side upper, goat and kid, kangaroo, reptile, sheep, etc.).
3199 Leather washers.
2627 Leatherboard.
2329 Leatherette coats and jackets (men's and boys').
3559 Leather-working machinery.
2001 Leavening compounds.
2782 Ledger sheets.
2782 Ledgers.
3141 Leggings, canvas.

2369 Leggings, children's.
3141 Leggings, leather.
3913 Lens grinding (except ophthalmic).
3914 Lens grinding (ophthalmic).
3229 Lenses (except ophthalmic and optical): Lantern, motor vehicle, searchlight, etc.
3914 Lenses, ophthalmic.
3913 Lenses: Optical, photographic, projection.
3579 Letter-folding machines.
3953 Letters and figures, metal.
3993 Letters, metal (for signs).
2599 Letters, wooden.
3352 Levels (carpenters' tools).
2292 Levers laces.
2783 Library binders (loose-leaf devices).
2691 Library cards.
2531 Library furniture.
2071 Licorice (candy).
2592 Life preservers, cork.
3732 Lifeboats, building and repairing.
3131 Lifts, heel (leather).
3651 Light bulbs (complete).
3731 Lighters, building and repairing.
3999 Lighters, cigar and cigarette (alcohol, gas, etc., not electric).
3481 Lighting equipment, marine.
3651 Lighting equipment: Photographic, photoengraving, and blueprinting.
3481 Lighting fixtures, electric.
3482 Lighting fixtures, except electric.
3482 Lighting fixtures, gas.
3481 Lighting fixtures, street and highway (except traffic signals).
3229 Lighting glassware: Blown, pressed.
3611 Lightning arresters and coils.
2883 Lignin plastics.
33X1 Limbers.
3916 Limbs, artificial.
3275 Lime.
2889 Lime bleaches (liquid).
3275 Lime, hydrated.
3275 Lime plaster.
3295 Lime rock, ground or otherwise treated.
2833 Lime sulphur, dry and solution.
3289 Limestone, cut and shaped (for building, ornamental, paving, and other uses).
3289 Limestone furniture.
3289 Limestone vases and urns.
2251 Linen fabrics, dyeing and finishing except on contract.
2253 Linen fabrics, dyeing and finishing on a contract basis.
2297 Linen goods.
3254 Liner plates for lining sewers, tanks, etc.
3031 Liner strips, rubber.
2627 Liners (board).
2212 Lingerie braids.
2291 Lining felts (not woven).
3112 Lining leather: Calf, kid, sheep.
3131 Linings, boot and shoe (leather).
2291 Linings, carpet (felt)—not woven.
2393 Linings, carpet: Textile (except felt).
2571 Linings, casket.
2251 Linings, cotton (finished—except on contract).
2253 Linings, finished on a contract basis.
3112 Linings, glove (leather).
23X3 Linings, hat.
2221 Linings, rayon or silk.
2243 Linings, shoe (knit cloth).
2252 Linings, silk and rayon (finished—except on contract).
3398 Linings, vault (metal).
2231 Linings, worsted and woolen.
2889 Linoleates.
2263 Linoleum.
2822 Linseed cake and meal.
2822 Linseed oil.
3271 Lintels, concrete.
2832 Lipsticks.
2911 Liquefied petroleum gases (products of petroleum refineries).
2889 Liquid lime bleaches.
2085 Liquors, blended, rectified.
2085 Liquors, distilled.
2082 Liquors, malt.
3522 Listers (agricultural), attachments, and parts.
281_ Litharge.
2622 Lithograph paper.
2761 Lithograph plates.
2891 Lithographic ink.
3555 Lithographic stones.
2761 Lithographing on metal.
2761 Lithographing on paper.
2812 Lithol rubine lake.
2812 Lithol rubine toners.
2761 Lithoplates, grained or otherwise prepared.
2812 Lithopone.
2512 Living-room furniture, upholstered (wooden frames).
3522 Loaders, hay.
33X2 Loading and assembly of ammunition (over caliber .60).
2541 Lockers: Metal, wooden.
3398 Locks (except time locks): Safe, vault.
3461 Locks, time.
3312 Locomotive wheels (made in rolling mills).
3711 Locomotives (including frames) and parts: Railroad, mining, industrial.
2411 Logging camps (not operating sawmills).
2411 Logging contractors (not operating sawmills).
2411 Logs.
3621 Logs, electric (for fireplaces).
2881 Logwood extract.
3552 Looms (textile).
3552 Loopers (textile machinery).
2783 Loose-leaf binders.
2783 Loose-leaf forms.
3914 Lorgnettes.
2832 Lotions and powders, face.
3939 Loud speakers for electric musical instruments.
2385 Lounging garments (men's and women's).
2571 Lowering devices, burial.
2071 Lozenges (candy).
2896 Lubricating greases—not made in petroleum refineries.
2911 Lubricating greases—products of petroleum refineries.
2896 Lubricating oils—not made in petroleum refineries.
2911 Lubricating oils—products of petroleum refineries.
3831 Lubrication system and parts, automobile.
3161 Luggage (regardless of material).
2431 Lumber, dressed.
2421 Lumber, kiln-drying of.
2421 Lumber, rough.
2329 Lumberjackets and windbreakers (men's, youths', and boys').
2662 Lunch boxes: Cardboard, paper.
2251 Lunch cloths, cotton and linen—made in finishing plants (except on contract).
2253 Lunch cloths—made in finishing plants on a contract basis.
2393 Lunch cloths—not made in textile mills.
3161 Luncheon kits (regardless of material).
2541 Lunchroom fixtures.
3949 Lures (artificial), fishing.
2834 Lye.

M

2098 Macaroni and macaroni products.
3551 Macaroni machinery: Presses, kneaders, mixers, brake cutters, molds, noodle cutters and folders, etc., for use in the manufacture of macaroni, spaghetti, noodles, and similar products.
3495 Machine guards, sheet metal.
3397 Machine guns.
3981 Machine parts, plastic.
3373 Machine parts, stamped and pressed.

3395 Machine screws.
**** Machine shops, repair work only. (*See* Vol. II.).
3541 Machine tools, rebuilding of.
2213 Machine-knitting yarn (cotton).
3559 Machinery, special industry—except metalworking, food-products, textile, woodworking, paper industries, and printing trades machinery.
3543 Machine-tool accessories.
3543 Machine-tool attachments.
3541 Machine-tool parts.
2329 Mackinaws and other short coats (men's, youths', and boys').
2511 Magazine racks.
3292 Magnesia cement.
3297 Magnesia refractories (nonclay).
3295 Magnesite, ground or otherwise treated.
3297 Magnesite refractories (nonclay).
3442 Magnesium castings, bars, rods, plates, tubing, pipe, wire, and sheets.
2888 Magnesium metal.
3442 Magnesium products.
3415 Magnesium refining (primary).
3641 Magnetos.
3913 Magnifiers, coddington and triplet.
3914 Magnifiers (readers and simple magnifiers).
2664 Mailing cases, fiber (metal end or all fiber).
3579 Mailing machines.
2664 Mailing tubes: Paper, paperboard.
2513 Malacca furniture, household.
3322 Malleable-iron castings.
3322 Malleable-iron foundries.
3949 Mallets, polo.
3555 Mallets, printers'.
2083 Malt: Barley, rye, wheat.
2082 Malt extract.
2082 Malt liquors.
2082 Malt sirups.
2025 Malted milk.
2083 Malthouses.
3939 Mandolins.
3543 Mandrels, lathe (machine-tool accessories).
3295 Manganese ore, ground or otherwise treated.
3991 Manicure implements.
2832 Manicure preparations.
3579 Manifolding machines (mimeographs, multigraphs, etc.).
2699 Manila folders.
2627 Manila-lined board.
3271 Mantels, concrete.
3298 Mantels (other than stone or concrete).
2431 Mantels, wooden.
2789 Map mounting.
2099 Maple sirup.
2792 Maps, engraved.
2761 Maps, lithographed.
2751 Maps, printing only.
2732 Maps, publishing and printing.
2734 Maps, publishing without printing.
2034 Maraschino cherries.
3289 Marble (for building use): Cut, shaped.
3289 Marble statuary and pedestals.
3941 Marbles.
2093 Margarine.
3481 Marine lighting equipment.
2825 Marine-animal oils.
2034 Marmalade.
2599 Marquetry, wood.
2211 Marquisettes, cotton.
2221 Marquisettes, rayon or silk.
2099 Marshmallow crème.
2071 Marshmallows.
2599 Mashers, potato (wooden).
3949 Masks, baseball.
3949 Masks, fencing.
3916 Masks, gas.
2628 Masonite board.
3242 Masonry cement.
3352 Masons' hand tools.
2389 Masquerade costumes.
3731 Masts and spars, finished for ships.
2599 Masts, wooden (except ship masts).
2593 Match books.
2593 Matches.
2625 Matrix board.
2625 Matrix paper.
2262 Mats and matting (cotton, twisted paper, grass, reed, coir, sisal, jute, and rag).
3051 Mats and matting, rubber.
2262 Mats, bath: Chenille.
2211 Mats, bath (cotton).
3051 Mats, bath (rubber).
3051 Mats, door (rubber).
3349 Mats, door (wire)—made from purchased wire.
2291 Mats (felt, not woven), under-rug.
3352 Mattocks: Iron, steel.
2293 Mattress felts.
2393 Mattress protectors (except rubber).
3041 Mattress protectors, rubber.
2515 Mattresses, box-spring.
2515 Mattresses, filled with cotton, felt, hair, moss, or similar material.
2515 Mattresses, inner-spring.
2052 Matzoth.
3954 Maulsticks, artists'.
2036 Mayonnaise.
2041 Meal, corn.
2044 Meal, rice.
2599 Measures, grain (wooden).
3613 Measuring instruments and machines, electrical.
3565 Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).
3913 Measuring instruments, optical.
2243 Meat bagging (knit cloth).
2011 Meat: Canned, cooked, cured, dressed, fresh, frozen, smoked, spiced (produced in meat-packing establishments).
2011 Meat goods, canned (produced in meat-packing establishments).
2013 Meat loaves.
2011 Meat packing, wholesale (on own account).
2099 Meat pies.
2013 Meat products, prepared.
2013 Meat puddings.
2099 Meat seasoning.
2013 Meat specialties.
2013 Meats, canned (not produced in meat-packing establishments).
2013 Meats, smoked (not produced in meat-packing establishments).
3711 Mechanical equipment, complete assemblies for locomotives.
3352 Mechanics' hand tools.
2841 Mechanics' paste (soap).
3451 Medals of precious or semiprecious metals.
3915 Medical instruments.
3051 Medical sundries, rubber.
2889 Medicinals (coal-tar).
2831 Medicines.
3954 Mediums, artists' (an oil or water with which paint is mixed).
2329 Melton jackets, men's.
2782 Memorandum books.
2899 Mending cement.
2213 Mercerized yarn—made in cotton mills.
2884 Mercury, fulminate of.
2889 Mercury (redistilled).
3382 Metal, art (ornamental).
2252 Metal cloths (rayon fabrics), finished—except on contract.
2221 Metal cloths (rayon fabrics), in the gray.
2253 Metal cloths (rayon), finished on a contract basis.
3373 Metal, perforated.
2893 Metal polish.
3559 Metal refining equipment.
3559 Metal smelting equipment.
3499 Metal spools (except typewriter and textile-machinery spools).
3373 Metal stamping and spinning combined (ferrous), for the trade.
3372 Metal stampings, automobile.
3373 Metal stampings (except automobile).

3543 Metal-cutting and shaping tools.
3291 Metallic abrasives.
3569 Metallic hose and tubing, flexible.
3472 Metal-polishing for the trade.
3373 Metals, pressed (heavy).
2834 Metal-treating compounds.
3542 Metalworking machinery, except machine tools.
3911 Meteorological instruments.
3271 Meter boxes, concrete.
3613 Meter transformers.
3565 Meters, gas.
3613 Meters, graphic recording (electric).
3565 Meters, parking.
3613 Meters, portable electric.
3571 Meters, postage.
3565 Meters, water.
2861 Methanol (wood alcohol).
2889 Methyl acetone.
2861 Methyl acetose.
2861 Methyl alcohol (methanol).
2883 Methyl cellulose (plastic).
2886 Methyl chloride.
2812 Methyl-violet toners.
3295 Mica, ground or otherwise treated.
3295 Mica, laminated.
3543 Micrometers.
3661 Microphones, except special microphones for electrical musical instruments.
3939 Microphones for electric musical instruments.
3913 Micro-photographic apparatus and condensers.
3913 Microprojection apparatus and condensers.
3913 Microscopes.
3911 Microtomes.
2369 Middies, children's.
2025 Milk, acidophilus.
2023 Milk: Concentrated, condensed, dried, evaporated, powdered.
3522 Milking machines.
2351 Millinery.
2662 Millinery boxes: Cardboard, paper.
23V2 Millinery braids and trimmings.
3543 Milling machine attachments.
3541 Milling machines (machine tool).
3551 Mills and presses: Beet, cider, and sugar cane.
2431 Millwork, general (lumber).
3579 Mimeograph machines.
2099 Mincemeat.
3533 Mine hoists.
33X2 Mine parts (ammunition).
2411 Mine timbers (hewn).
2812 Mineral colors.
3274 Mineral wool (for insulation).
3295 Minerals and earths, ground or otherwise treated.
**** Mineral-water (uncarbonated) bottling. (*See* Vol. II.).
33X2 Mines (ammunition).
3533 Mining cars.
3711 Mining locomotives and parts.
3533 Mining machinery and equipment.
3231 Mirrors: Framed, unframed.
3913 Mirrors, searchlight.
2246 Mittens, knit.
3051 Mittens, rubber.
3949 Mitts and gloves, baseball.
2213 Mixed-fiber yarn—chiefly cotton.
3621 Mixers and whippers, electric.
3531 Mixers, concrete.
3551 Mixers, feed.
3531 Mixers: Ore, sand, slag, etc.
3141 Moccasins.
3998 Models and patterns (except paper patterns).
3569 Moisteners, label.
2061 Molasses (made from cane).
2063 Molasses (made from sugar beets).
2099 Molasses (mixed or blended).
3831 Molding, automobile.
3981 Molding plastics (for the trade).
3372 Molding, stainless steel (for automobiles).
3383 Moldings, ferrous and nonferrous metal and metal covered.
3298 Moldings, statuary.
2431 Moldings, wooden.
3961 Molds, button.
3998 Molds (patterns).
2211 Moleskins.
3431 Monel metal, rolling and drawing.
3429 Monel metal (secondary).
3271 Monuments and grave markers, concrete.
3281 Monuments (except concrete), not including establishments which do only finishing or lettering to individual order.
**** Monuments (made to order from purchased stone). (*See* Vol. II.)
2393 Mops.
3569 Mops, mechanical.
2881 Mordants.
2831 Morphine.
33X1 Mortars (having a bore greater than 0.60 inch).
2571 Morticians' goods and supplies (ambulance baskets, burial garments, casket linings and draperies, embalming fluids, embalming tables, etc.).
3553 Mortisers (woodworking machines).
3239 Mosaic glass.
3253 Mosaic tile: Glazed, unglazed.
3999 Mosaics: Ivory, shell, horn, bone.
2211 Mosquito netting.
2833 Moth repellants.
3912 Motion-picture projection machines and apparatus.
3912 Motion-picture screens.
3811 Motor busses.
2231 Motor robes, woolen.
3741 Motor scooters.
3811 Motor trucks.
3811 Motor vehicles.
3732 Motorboats (inboard and outboard), building and repairing.
3481 Motorcycle lamps.
3741 Motorcycle side cars.
3741 Motorcycles and parts.
3619 Motors, electric (except railway, motor vehicle, and aircraft).
3641 Motors for gasoline-electric and oil-electric vehicles and for storage-battery trucks.
3569 Motors, water.
3811 Motor-truck trailers.
3359 Motor-vehicle hardware (locks, hinges, and handles).
3831 Motor-vehicle parts and accessories.
2883 Moulding compositions: Cellulose acetate plastic, synthetic resin (non-coal-tar).
33X1 Mount parts, gun (cast, forged, and machined).
2789 Mounting: Card, paper, map.
3914 Mountings: Eyeglass, spectacle.
3451 Mountings for fountain pens, leather goods, umbrellas, etc. (gold, silver)
33X1 Mounts, gun.
3939 Mouthpieces for musical instruments.
3032 Mouthpieces for pipes and for cigar and cigarette holders, rubber.
3461 Movements, watch or clock.
3522 Mowers, hay.
2899 Mucilage.
3312 Muck and scrap bar (made in rolling mills).
3831 Mufflers, automobile.
23X1 Mufflers (except knitted), men's and boys'.
2244 Mufflers, knit.
3579 Multigraphs.
3571 Multiplying machines.
2733 Music, printing without publishing.
2731 Music, publishing without printing.
3933 Music rolls, perforated.
3939 Musical instruments, parts, and materials, except pianos and organs.
3939 Musical instruments, wind (except organs).
3939 Musical-instrument accessories (reeds, mouthpieces, music stands, drummers' traps, etc.), except accessories for pianos and organs.
2253 Muslins—made on a contract basis.

2251 Muslins—not made on a contract basis.
2035 Mustard, prepared.
2881 Myrobalans extract.

N

3542 Nail-heading machines.
3312 Nails (made in rolling mills).
3342 Nails (not made in wire mills or in plants connected with rolling mills).
3341 Nails, wire (made in wire mills).
2253 Nainsooks—made on a contract basis.
2251 Nainsooks—not made on a contract basis.
3993 Name plates, metal (except engraved, etched, etc.)
2911 Naphtha.
2625 Napkin stock.
2251 Napkins, cotton and linen—made in finishing plants (except on contract).
2253 Napkins—made in finishing plants on a contract basis.
2393 Napkins—not made in textile mills.
2699 Napkins, paper—not made in paper mills.
3916 Napkins, sanitary.
2211 Napped fabrics, cotton.
2251 Napped fabrics—made in finishing plants (except on contract).
2253 Napped fabrics—made in finishing plants on a contract basis.
3552 Napping machines.
2881 Natural dyestuffs: Chipped, dried, ground.
2881 Natural dyestuffs (extracts).
3911 Nautical instruments.
33X1 Naval artillery (having a bore greater than 0.60 inch).
2863 Naval stores, gum (processing but not gathering or warehousing).
2862 Naval stores, wood.
2829 Neat's-foot oil.
2253 Necktie fabrics finished on a contract basis.
2221 Necktie fabrics, rayon or silk (in the gray).
2252 Necktie fabrics, silk and rayon (finished—except on contract).
2231 Necktie linings (worsted or woolen).
23X1 Neckties (except knitted), men's and boys'.
2244 Neckties, knit.
2343 Neckwear, women's.
3999 Needles (hand and machine), knitting, sewing.
2341 Negligees (women's, children's, and infants').
3993 Neon signs.
2211 Nets and seines.
3949 Nets: Badminton, basketball, tennis etc.
2399 Nets, laundries' and dyers'.
2627 Newsboard.
2662 Newsboard boxes: Plain, metal-edged.
2691 Newsboard, pasted.
2712 Newspaper branch offices (editorial).
2751 Newspapers, printing only.
2712 Newspapers, publishing and printing.
2711 Newspapers, publishing without printing.
2621 Newsprint.
3429 Nickel alloys (product of secondary smelting).
3419 Nickel refining (primary).
2831 Nicotine, except sulphate.
2833 Nicotine sulphate.
2341 Nightgowns (women's, children's, and infants').
2321 Nightshirts (men's, youths', and boys').
2245 Nightwear, knit.
2341 Nightwear, made from purchased woven cotton, and flannelette fabrics (women's, misses', children's, and infants').
2341 Nightwear, made from purchased woven or knitted fabric (women's, children's, and infants').
2341 Nightwear, made from purchased woven silk, rayon, and wool fabrics (women's, misses', children's, and infants').
3051 Nipples, rubber.
2883 Nitrate, cellulose plastic.
2889 Nitric acid.
2884 Nitrocellulose (not plastic).
2883 Nitrocellulose (pyroxylin).
2886 Nitrogen.
2884 Nitroglycerin.
2884 Nitrostarch.
2886 Nitrous oxide.
2234 Noils, woolen and mohair.
2081 Nonalcoholic beverages.
3297 Nonclay refractories.
3491 Nonferrous castings (except aluminum).
3491 Nonferrous metal foundries (except aluminum).
3429 Nonferrous metals, except aluminum and precious metals: Smelting and refining (secondary).
2098 Noodles: Egg, plain, water.
2292 Nottingham lace.
2292 Nottingham lace bedspreads and table covers.
2292 Nottingham lace curtain nets.
2292 Nottingham lace curtains.
3993 Novelties, advertising.
3651 Novelties, Christmas (electrical).
3971 Novelties, costume (except precious metal and precious or semiprecious stone).
2253 Novelties, fabric—made on a contract basis.
3239 Novelties, glass.
3199 Novelties, leather.
2699 Novelties, paper—not made in paper mills.
2252 Novelties (silk and rayon fabrics)—not made on a contract basis.
2221 Novelty fabrics, rayon or silk.
2511 Novelty furniture (wooden).
3953 Numbering machines (hand).
2511 Nursery (juvenile) furniture.
2093 Nut margarine.
3312 Nut rods (made in rolling mills).
2071 Nuts, candy-covered.
3312 Nuts (made in rolling mills).
3391 Nuts—not made in plants connected with rolling mills.
**** Nuts, processing (including packaging, shelling, and stamping). (*See* Vol. II.)
2071 Nuts, salted.
2223 Nylon throwing, twisting, and spinning.
2223 Nylon yarn and thread: Spun and thrown.
2223 Nylon yarn: Throwing, twisting, or spinning.

O

2881 Oak extract.
2294 Oakum.
2599 Oars, wooden.
3211 Obscured glass (cathedral, skylight, opalescent sheet glass, etc.).
3939 Ocarinas.
2812 Ocher.
3939 Octofones.
2541 Office fixtures.
2522 Office furniture, metal.
2521 Office furniture, wooden.
2622 Offset paper.
2761 Offset printing.
3532 Oil and gas well machinery and tools.
2825 Oil and meal, fish.
3363 Oil burners (fuel-oil and distillate-oil)—domestic, industrial.
2829 Oil, coconut.
3331 Oil containers, ternplate.
2094 Oil, corn: Crude, refined.
2821 Oil, cottonseed: Crude, refined.
2822 Oil, linseed.
2829 Oil, neat's-foot.
2033 Oil, olive.

2829 Oil, palm-kernel.
2829 Oil, peanut.
2862 Oil, pine (product of softwood distillation).
3121 Oil seals, leather.
2823 Oil, soybean.
2829 Oil, tung.
2825 Oil, whale.
3365 Oil-boiler burner units, complete.
2296 Oilcloth.
2632 Oiled paper.
2329 Oiled waterproof outer garments (men's and boys').
3532 Oil-field machinery and tools.
2881 Oils and fats, sulphonated.
2092 Oils, cooking.
2824 Oils, essential.
2911 Oils, fuel.
2911 Oils, illuminating.
2896 Oils, lubricating—not made in petroleum refineries.
2911 Oils, lubricating—products of petroleum refineries.
2825 Oils, marine-animal.
2911 Oils, partly refined, sold for rerunning (product of petroleum refineries).
2092 Oils, salad.
2881 Oils, soluble (textile assistants).
2092 Oils, vegetable (cooking).
2092 Oils, vegetable (salad).
2861 Oils, wood (product of hardwood distillation).
3291 Oilstones, artificial or made from natural stone.
2834 Oil-treating compounds.
2831 Ointments.
2889 Oleic acid.
2093 Oleomargarine.
2033 Olive oil.
2033 Olives, bottled (including stuffed olives).
3913 Opera glasses.
2532 Operating tables.
3914 Ophthalmic lens grinding.
3915 Ophthalmometers.
3915 Ophthalmoscopes.
3913 Optical glass (not ground or polished).
3913 Optical instruments, fire-control.
3913 Optical measuring instruments.
3915 Optometers.
3932 Orchestrions.
3312 Ordnance (made in rolling mills).
3533 Ore loaders, underground.
3533 Ore-crushing machinery.
3533 Ore-washing machinery.
3359 Organ hardware.
3933 Organ parts and materials (except organ hardware), including knobs, pipes, legs, reedboards, reeds, stops, etc.).
3932 Organs, automatic.
3932 Organs, electronic.
3932 Organs: Hand, street, or barrel.
3932 Organs, pipe and reed (complete).
3382 Ornamental bronze work for buildings, bridges, etc.
3382 Ornamental iron and steel work for buildings, bridges, etc.
2431 Ornamental woodwork (cornices, mantels, etc.).
3239 Ornamented glass.
3999 Ornaments, Christmas-tree (except electric).
3971 Ornaments (except precious metal and precious or semiprecious stone).
3132 Ornaments, shoe.
3917 Orthodontic appliances.
3916 Orthopedic devices and materials.
3915 Orthopedic instruments.
3141 Orthopedic shoes (except extension shoes).
2211 Osnaburgs.
3974 Ostrich feathers: Curling, dyeing, and renovating (for the trade).
2244 Outerwear, knit.
2211 Outing flannel (cotton).
3611 Outlet boxes.
3551 Ovens (bakery machinery).
3369 Ovens, portable.
3621 Ovens, roasting (electric).
3229 Ovenware, glass.
2329 Overalls.
2231 Overcoatings, woolen and worsted.
2311 Overcoats and topcoats (men's and youths').
2311 Overcoats, boys'.
3141 Overgaiters: Leather, canvas.
3021 Overshoes: Rubber, textile and rubber.
2889 Oxalates.
2889 Oxalic acid.
2211 Oxfords (cotton fabrics).
3569 Oxyacetylene-gas torches.
2886 Oxygen, compressed and liquefied.
3911 Oxygenators.
2031 Oysters: Canned, preserved.
2042 Oystershells, ground (used as feed for animals and fowls).

P

3051 Pacifiers, rubber.
2554 Packages, fruit and vegetable, made from lumber.
3569 Packaging machines.
2885 Packers' salt.
3293 Packing (for steam engines, pipe joints, air compressors, etc.).
3121 Packing, leather (cup, U-valve, etc.).
3031 Packing, rubber.
3551 Packing-house machinery: Killing, hairing, sausage-making and stuffing; cooking, rendering, cutting, pressing, grinding, chopping, and canning machines.
2293 Padding (textile material).
3359 Padlocks.
3292 Pads and padding, table (asbestos).
2393 Pads and padding, table (except asbestos and felt).
2291 Pads and padding, table (felt)—not woven.
3949 Pads, athletic.
2591 Pads, excelsior.
2393 Pads, furniture.
3991 Pads, permanent-waving.
2294 Pads, sisal.
3373 Pails, stamped and pressed metal.
3331 Pails, tin.
2664 Pails, vulcanized fiber.
2555 Pails, wooden.
3922 Paint and varnish brushes (except artists' air and spray brushes).
2893 Paint removers.
3941 Paint sets, children's.
3559 Paint-making machinery.
3954 Paints, artists'.
3954 Paints (for china painting).
2811 Paints in paste form: Colors in japan and oil, combination or crude whites, lead and pure white leads in oil, zinc oxide in oil.
2811 Paints, plastic.
2811 Paints, ready-mixed and semipaste: Paints in oil, stains, undercoatings and primers, wall paint, and milk whites.
2811 Paints: Water, dry (except artists').
2211 Pajama checks (cotton fabrics).
2341 Pajamas (including lounging), women's and children's.
2321 Pajamas (men's, youths', and boys').
3954 Palettes, artists'.
2829 Palm-kernel cake or meal.
2829 Palm-kernel oil.
2781 Pamphlet binding.
2733 Pamphlets, printing only.
2732 Pamphlets, publishing and printing.
2731 Pamphlets, publishing without printing.
2099 Pancake sirup: Blended, mixed.
3619 Panel boards and distribution boards (electrical).
3271 Panels and sections for prefabrication, concrete.
3272 Panels, plaster (gypsum).

3913 Panoramic telescopes.
3373 Pans, stamped and pressed metal.
2231 Pantings, woolen and worsted.
3954 Pantographs, artists'.
2329 Pants: Football, basketball, soccer.
2329 Pants, work.
2625 Paper, absorbent.
2626 Paper, asbestos and asbestos-filled.
2625 Paper, blotting.
3912 Paper, blueprint.
2623 Paper, bond.
2631 Paper, book (coated).
2622 Paper, book (except coated book paper).
2789 Paper bronzing, gilding, and edging.
2626 Paper, building.
3955 Paper, carbon.
2629 Paper, catalog.
2625 Paper, cigarette.
3349 Paper clips (wire).
2639 Paper, cloth-lined.
2639 Paper, coated (except photographic, carbon, and book paper).
2622 Paper, cover.
2699 Paper, crepe.
2789 Paper cutting.
2691 Paper, die-cut.
2639 Paper, fancy.
2211 Paper felts.
2625 Paper, filter.
3291 Paper, garnet.
2639 Paper, glazed.
2629 Paper, ground wood.
2633 Paper, gummed.
2751 Paper labels, seals, and tags (printed).
2622 Paper, lithograph.
2625 Paper, matrix.
2622 Paper, offset.
2632 Paper, oiled.
2699 Paper patterns, printed and unprinted.
3912 Paper, photo-copying.
3912 Paper, photographic (sensitized).
2782 Paper ruling.
2626 Paper, sheathing.
2892 Paper shells (blank).
2892 Paper shells (empty).
2892 Paper shells, loaded.
2625 Paper, tissue.
2632 Paper, waxed.
2624 Paper, wrapping.
2623 Paper, writing.
2627 Paperboard.
2691 Paperboard, die-cut.
2627 Paperboard mills.
3554 Paper-mill machinery: Embossing calenders, friction calenders, sheet calenders, super-calenders, platers, dampeners, drying, slitting, pasting, sizing, rewinding, waxing, and creping machines.
3554 Paper-products machines (except printing machines).
3555 Paper-ruling machines.
3555 Paper-sewing machines (bookbinders' machinery).
3554 Paper-tube machines.
2692 Papeteries.
2694 Papier mâché articles.
3721 Parachutes.
2911 Paraffin wax.
3995 Parasols.
2833 Paris green.
2431 Parquet floorings.
2834 Parting compound.
3349 Partitions and grille work (wire) made from purchased wire.
2541 Partitions, prefabricated (wooden)
2782 Pass books (bank).
23V2 Passementeries.
3821 Passenger automobile bodies.
2899 Paste, adhesive.
3954 Pastels (artists' crayons).
3551 Pasteurizers, milk.
2013 Pastrami.
2051 Pastries: Danish, French, etc.
2627 Patent-coated board.
3811 Patrol wagons (motor vehicles).
3553 Pattern makers' machinery (woodworking).
3998 Patterns (except paper patterns).
2699 Patterns, paper (printed or unprinted).
3998 Patterns, shoe.
2931 Paving blocks, creosoted wood.
2931 Paving blocks (except brick, concrete, granite, and stone).
3289 Paving blocks, stone.
2931 Paving materials: Asphalt, coal-tar, composition, creosoted wood, etc.
3271 Paving materials, concrete.
2931 Paving mixtures, asphalt and tar, coal-tar.
2812 Peacock blue lake.
2099 Peanut butter.
2829 Peanut cake or meal.
2829 Peanut oil.
2099 Peanut products (except candy and salted peanuts).
3551 Peanut roasters.
3453 Pearl drilling.
2099 Pectin.
3298 Pedestals, statuary (except wooden).
2541 Pedestals, statuary (wooden).
3565 Pedometers.
3132 Pegs, shoe.
2884 Pellet powder.
3992 Pelts: Scraping, currying, tanning, bleaching, and dyeing.
3951 Pen nibs, steel.
3951 Pen points: Gold, steel, or other metal.
3952 Pencil holders.
3952 Pencil leads (black, indelible, or colored).
3954 Pencils, air (artists').
3951 Pencils, mechanical.
3951 Penholders and parts.
2399 Pennants.
3951 Pens, fountain.
3951 Pens, stylographic.
2253 Percale—made on a contract basis.
2251 Percale (not made on a contract basis).
33X4 Percentage correctors (sighting and fire-control equipment).
3621 Percolators, electric.
2892 Percussion caps and primers.
3939 Percussion instruments (bells, chimes, drums, xylophones, etc.).
2889 Perfume materials (coal-tar).
2832 Perfumes.
2751 Periodicals, printing only.
2722 Periodicals, publishing and printing.
2721 Periodicals, publishing without printing.
3991 Permanent-wave equipment, machineless.
3991 Permanent-wave machines and parts.
2889 Peroxides.
2812 Persian orange lake.
3811 Personnel carriers (motor vehicles).
2911 Petroleum refineries.
2911 Petroleum refining.
3559 Petroleum-refinery equipment: Heat exchangers, vapor-phase cracking-process condensers, tubes, stills, etc.
2531 Pews, church.
3454 Pewter ware.
3559 Pharmaceutical machinery.
2831 Pharmaceutical metals and their salts.
2883 Phenolic plastics.
3661 Phonograph and radio combinations.
2511 Phonograph cabinets.
3661 Phonographs and parts (except cabinets).
2889 Phosphates.
2889 Phosphoric acid.
2889 Phosphorous.
2889 Phosphorous oxychloride.
2812 Phosphotungstic acid lakes.
2812 Phosphotungstic acid toners.
3912 Photo-copying paper and cloth.
2793 Photoengraving.
3555 Photoengraving machines.
2793 Photoengraving plates.
3651 Photoflash and photoflood lamps.
2691 Photograph folders, mats, mounts, etc.

3912 Photographic apparatus and materials (except chemicals and lamps).
2889 Photographic chemicals (coal-tar).
2883 Photographic film-base (cellulose acetate plastic; nitrocellulose plastic).
3912 Photographic films.
3912 Photographic plate holders.
3912 Photographic plates.
2771 Photogravure printing.
2761 Photolithographing.
2761 Photo-offset printing.
3912 Photostat machines.
2883 Phthalic anhydride resins.
2393 Piano covers (scarfs).
3359 Piano hardware.
3933 Piano parts and materials (except piano hardware), including actions, back frames, bridges, cases, hammers, keyboards, keys, legs, pedal attachments, plates, sounding boards, strings, etc.
3931 Pianos, coin-operated and similar types.
3931 Pianos (complete), with or without player attachments.
3931 Pianos, electric.
3939 Piccolos.
3552 Picker machines (textile).
2599 Picker sticks (for looms).
2035 Pickles and pickle salting.
3352 Picks (hand tools).
2596 Picture frame moldings.
3999 Picture plaques, laminated.
3271 Pier footings, concrete.
3312 Pierced billets, rounds, and blanks for seamless pipes and tubes (made in rolling mills).
2051 Pies.
3311 Pig iron.
3949 Pigeons, clay.
2812 Pigment scarlet lake.
2812 Pigments.
2013 Pigs' feet: Cooked, pickled.
3531 Pile drivers.
3271 Piling, concrete.
2211 Pillow tubing.
2251 Pillowcases—made in finishing plants (except on contract).
2253 Pillowcases—made in finishing plants on a contract basis.
2393 Pillowcases—not made in textile mills.
2393 Pillows and pillow covers, fancy.
2393 Pillows, bed—not made in textile mills.
3452 Pin stems (jewelry findings).
2211 Pin stripes and checks.
2862 Pine oil (product of softwood distillation).
2599 Pins: Rolling, clothes, etc.
3999 Pins (steel, brass) other than jewelry.
3293 Pipe and boiler covering.
3431 Pipe and tubing: Brass, bronze, copper, monel metal.
3569 Pipe bends.
2834 Pipe blacking.
3324 Pipe, cast-iron.
3569 Pipe coils.
3271 Pipe, concrete.
3569 Pipe nipples, steel.
3393 Pipe, wrought (welded and heavy-riveted)—not made in plants connected with rolling mills.
3259 Pipes and tops, chimney.
3312 Pipes (made in rolling mills).
3933 Pipes, organ.
3996 Pipes, tobacco.
2211 Piqués, cotton.
3397 Pistols.
3941 Pistols, toy.
3569 Piston rings.
3569 Pistons, aluminum-alloy.
2861 Pitch (product of hardwood distillation).
2862 Pitch (product of softwood distillation).
2932 Pitch, roofing (coal-tar).
2211 Plaids, cotton.
3541 Planers (machine tools).
3553 Planers, surfacers, and jointers (wood).
3351 Planes (hand tools).
3555 Planes, printers'.
3917 Planetoid specialties (dental).
2431 Planing mills not operated in conjunction with sawmills.
2421 Planing mills operated in conjunction with sawmills.
2761 Planographing.
3522 Planting machines, attachments, and parts.
3239 Plants, made of glass.
3974 Plants, preserved.
3298 Plaques: Clay, plaster, etc.
3999 Plaques, picture (laminated).
3917 Plaster, dental.
3272 Plaster, gypsum.
3272 Plaster of Paris.
3273 Plaster, wall (except gypsum).
3298 Plaster work, ornamental (statuary).
3273 Plasterboard (except gypsum).
3272 Plasterboard, gypsum.
3916 Plasters, adhesive (nonmedicated).
3916 Plasters, medicated.
3255 Plastic firebrick.
3611 Plastic insulators.
2883 Plastic materials (except rayon).
2811 Plastic paint.
3981 Plastics, molding for the trade.
3239 Plate glass, beveling or polishing of purchased glass.
3211 Plate glass: Polished, rough.
3912 Plate holders, photographic.
2792 Plate printing.
3454 Plated ware: Chromium, gold, silver.
2751 Plateless engraving.
3312 Plates (made in rolling mills).
3912 Plates, photographic.
3499 Plates, stair.
3472 Plating on metals.
3421 Platinum refining and alloying, not from the ore.
3416 Platinum refining (primary).
3421 Platinum smelting and refining (secondary).
2369 Play suits, children's.
2339 Play suits (women's).
3949 Playground equipment.
2699 Playing cards.
23V1 Pleating (for the trade).
3352 Pliers.
3917 Pliers, dental.
3271 Plinth blocks (precast terrazzo).
2253 Plissé crepes, cotton—made on a contract basis.
2251 Plissé crepes, cotton—not made on a contract basis.
3522 Plows (agricultural), attachments, and parts.
3531 Plows, snow.
2599 Plugs, wooden.
2099 Plum pudding.
3294 Plumbago (graphite).
3361 Plumbers' brass goods.
3031 Plumbers' rubber goods.
3352 Plumbers' tools (hand).
3361 Plumbing fixtures, enameled iron.
3261 Plumbing fixtures, porcelain (all clay).
3261 Plumbing fixtures, vitreous and semi-vitreous china.
3974 Plumes, feather.
2211 Plushes, cotton.
2253 Plushes, finished on a contract basis.
2221 Plushes, rayon or silk (in the gray).
2252 Plushes, silk or rayon (finished—except on contract).
2432 Plywood mills.
2432 Plywood panels.
3031 Pneumatic hose: Air brake, air line, etc.
3171 Pocketbooks (regardless of material).
3949 Pockets, pool and billiard.
3952 Point protectors, pencil.
3954 Points (platinum), for burnt wood or leather work.
3941 Poker chips.
3913 Polariscopes.

3611 Pole-line hardware.
3271 Poles, concrete.
2562 Poles: Curtain, drapery.
3381 Poles, flag (metal)—not made in plants connected with rolling mills.
2411 Poles, hewn round.
2599 Poles (wooden), clothes.
3542 Polishers, metal (machines).
2393 Polishing cloths, chemically treated.
2291 Polishing felts (not woven).
3472 Polishing of metals (for the trade).
2893 Polishing powders and preparations for automobiles, metal furniture, stoves, etc.
3291 Polishing rouge (abrasive).
3291 Polishing wheels.
3949 Polo equipment (except apparel).
2244 Polo or sport shirts, knit.
2211 Pongees, cotton.
3722 Pontoons (aircraft).
3731 Pontoons (shipbuilding).
2071 Popcorn balls and other popcorn products.
3551 Popcorn machines.
2211 Poplins, cotton.
2514 Porch furniture, metal.
2513 Porch furniture: Rattan, reed.
2511 Porch furniture, wooden.
2563 Porch shades.
2033 Pork and beans, canned.
2011 Pork (produced in meat-packing establishments).
3381 Portable buildings, steel—not made in plants connected with rolling mills.
2431 Portable buildings, wooden.
3553 Portable tools, power-driven (woodworking).
2082 Porter (malt liquor).
3241 Portland cement.
2792 Post cards (picture), engraved.
2761 Post cards (picture), lithographed.
2751 Post cards (picture), printed.
2629 Poster and lining paper.
3993 Posters, advertising (except lithographed).
2761 Posters, lithographed.
3271 Posts, concrete.
3381 Posts, fence (iron)—not made in plants connected with rolling mills.
2411 Posts, wooden (hewn).
2889 Potash compounds.
2841 Potash soap.
2871 Potash superphosphates.
2889 Potassium hydroxide.
2099 Potato chips.
3269 Pottery, art.
3269 Pottery, garden.
3559 Pottery-making machinery.
3172 Pouches, tobacco (leather).
2831 Poultry and animal remedies.
2015 Poultry, canned.
2015 Poultry killing, dressing, packing (for the wholesale trade).
3349 Poultry netting (made from purchased wire).
3499 Powder, aluminum and bronze.
2832 Powder, face.
2884 Powder, pellet.
2884 Powders, blasting.
3619 Power equipment, electric.
3619 Power switchboards and parts.
3543 Power-driven hand tools, metalworking.
3619 Power-switching equipment.
3831 Power-transmission equipment, automobile.
3566 Power-transmission machinery, mechanical.
3416 Precious metal refining (primary): Gold, silver, platinum, and iridium.
3421 Precious metal smelting and refining (secondary): Gold, silver, platinum, iridium.
3619 Precision apparatus, electrical (including electrical instruments not further described).
3543 Precision tools, machinists'.
2592 Preservers, life (cork)
2034 Preserves.
2594 Preserving of wood.
2627 Pressboard.
3221 Pressed glassware (packers' ware).
3312 Pressed, stamped, or other shapes not advanced beyond pressing (made in rolling mills).
3522 Presses and balers: Hay, cotton, etc.
3551 Presses, cheese.
3582 Presses (for laundries and dry-cleaning or pressing establishments).
3542 Presses: Forming, stamping, and punch (metalworking).
3579 Presses, seal.
2599 Pressing blocks, tailors'.
3271 Pressure pipe, reinforced (concrete).
2052 Pretzels.
3619 Prime movers, electrical.
2811 Primers, paint.
2211 Print cloth, cotton.
2211 Print cloth yarn fabrics.
2251 Printed fabrics, cotton and linen (not made on a contract basis).
2891 Printers' ink.
3555 Printers' machines and equipment.
2251 Printing and finishing cotton and linen fabrics (except on contract).
2253 Printing and finishing fabrics on a contract basis.
2252 Printing and finishing silk and rayon fabrics (except on contract).
2751 Printing, commercial.
3912 Printing frames, photographic.
2792 Printing from engraved and etched plates.
2771 Printing, gravure.
2751 Printing, job (except specialized book printing, greeting card printing, textile printing, tip printing, and printing on fabric articles).
3579 Printing machines using inked ribbons (except typewriters).
23X2 Printing on fabric articles.
2733 Printing only, books (specialized).
2751 Printing only, maps.
2733 Printing only, music.
2751 Printing only, newspapers.
2733 Printing only, pamphlets.
2751 Printing only, periodicals.
2771 Printing, photogravure.
3555 Printing presses.
2771 Printing, rotary photogravure.
2771 Printing, rotogravure.
2751 Printing, stationery.
3913 Prisms: Photographic, projection.
2025 Processed butter.
2025 Processed cheese (made from purchased cheese).
2294 Processed textile-mill waste.
2885 Processing of salt.
3569 Producers, gas.
2532 Professional furniture.
3911 Professional instruments (except surgical, medical, and dental).
33X2 Projectile forgings (for ammunition over caliber .60).
3912 Projection machines and apparatus, motion-picture and all other types.
3259 Promenade or quarry tile (clay).
3722 Propellers and parts (aircraft).
3831 Propeller-shaft assemblies, automobile.
3949 Protectors, baseball.
3579 Protectors, check.
3914 Protectors, eye.
3661 Public-address apparatus.
2531 Public-building furniture.
2732 Publishing and printing, books.
2732 Publishing and printing, maps.
2712 Publishing and printing, newspapers.
2732 Publishing and printing, pamphlets.
2722 Publishing and printing, periodicals.
2731 Publishing without printing, books.
2734 Publishing without printing, directories.
2734 Publishing without printing, guides.
2734 Publishing without printing, maps and atlases.
2731 Publishing without printing, music.

2711 Publishing without printing, newspapers.
2731 Publishing without printing, pamphlets.
2721 Publishing without printing, periodicals.
2099 Puddings: Fig, plum.
2013 Puddings, meat.
3999 Puffs, powder.
3566 Pulleys, power-transmission.
2599 Pulleys (wooden) for clotheslines, etc.
2611 Pulp, fiber (from rags, linters, and straw).
2611 Pulp mills.
2611 Pulp, rayon.
2611 Pulp: Soda, sulphate, sulphite, ground wood, and semi-chemical.
2611 Pulp, wood.
2531 Pulpits, except marble.
3554 Pulp-mill machinery: Pulp washers, deckers, tube thickeners, grinding machines, pulp causticizers, chippers shredders, conditioners, presses, thickeners, and centrifugals.
2411 Pulpwood.
3295 Pulverized earths, rocks, and minerals.
3522 Pulverizers, soil (for farms).
3531 Pulverizers, stone.
3295 Pumice, ground or otherwise treated.
3561 Pump jacks, and other pumping equipment.
3031 Pump sleeves, rubber.
3561 Pumps: Air, oil, gasoline, grease, water (hand, hydraulic, steam, centrifugal).
3561 Pumps, gasoline dispensing.
3141 Pumps, leather.
3561 Pumps, measuring and dispensing.
3543 Punches, forming and stamping.
3542 Punches, power.
3569 Purifiers, centrifugal.
3172 Purses, coin (leather).
3171 Purses, women's (regardless of material).
3799 Pushcarts.
3141 Puttees: Canvas, leather.
2811 Putty.
3242 Puzzolan cement.
3954 Pyrography materials.
2861 Pyroligneous acid.
3911 Pyrometers.
3269 Pyrometric cones.
2883 Pyroxylin.
2295 Pyroxylin-coated fabrics.

Q

3259 Quarry or promenade tile (clay).
3131 Quarters (shoe cut stock).
3295 Quartz, ground or otherwise treated.
2881 Quebracho extract.
2881 Quercitron extract.
2037 Quick-frozen foods.
2037 Quick-frozen fruits.
2037 Quick-frozen vegetables.
3275 Quicklime.
2221 Quilts—made in rayon mills.
2393 Quilts—not made in textile mills.
2831 Quinine.

R

2015 Rabbits or hares, killed and dressed.
3949 Racket frames: Tennis, badminton, squash, and lacrosse.
3949 Rackets: Tennis, badminton, squash, and lacrosse.
2541 Racks, display (for merchandise).
2599 Racks, drying (for clothes)
2541 Racks, hat (wooden).
3495 Radiator shields and enclosures, sheet metal.
3831 Radiators and radiator shells and cores, automobile.
3365 Radiators (heating equipment).
2511 Radio cabinets.
3661 Radio parts except loud speakers and microphones.
3373 Radio racks, metal.
3661 Radio receiving sets.
3661 Radio transmitting apparatus.
3661 Radio tubes.
2294 Rags, carbonized.
3611 Rail bonds (for propulsion and for signal circuits).
3312 Rail joints and fastenings (made in rolling mills).
3381 Railings (not made in plants connected with rolling mills): Iron, steel.
2431 Railings, stair (wooden).
3712 Railroad cars.
3711 Railroad locomotives and parts.
3312 Railroad spikes (made in rolling mills).
2411 Railroad ties, not sawed.
2421 Railroad ties, sawed.
2897 Railroad torpedoes.
3431 Rails: Brass, bronze.
3312 Rails (made in rolling mills).
3312 Rails, rerolled or renewed (made in rolling mills).
3641 Railway motors and control equipment (electric).
3662 Railway signals, electric.
3392 Railway switches, forged—not made in plants connected with rolling mills.
3321 Railway wheels (chilled iron).
2386 Raincoats (except oiled cotton).
2329 Raincoats, oiled (men's and boys').
2339 Raincoats, oiled (women's and misses').
3352 Rakes.
3131 Rands (shoe cut stock).
3361 Range boilers (galvanized iron and nonferrous).
3363 Range burners (distillate oil burners).
3912 Range finders, photographic.
3362 Ranges, cooking (except electric).
3621 Ranges, electric.
3712 Rapid-transit cars.
3353 Rasps.
3353 Rasps, recutting and resharpening of.
2513 Rattan furniture.
2552 Rattan ware (except furniture).
2099 Ravioli.
2251 Raw stock (cotton and linen), dyed—except on contract.
2253 Raw stock (except woolen), dyeing and finishing on a contract basis.
2252 Raw stock (silk and rayon), dyed—except on contract.
2221 Rayon broad woven goods, in the gray (over 12 inches in width).
2252 Rayon fabrics, dyed and finished (except on contract).
2253 Rayon fabrics, dyeing and finishing on a contract basis.
2851 Rayon horsehair.
2222 Rayon narrow fabrics (in the gray) not over 12 inches in width.
2851 Rayon (primary product).
2611 Rayon pulp.
2851 Rayon straw and strips.
2223 Rayon throwing, twisting, and spinning.
2851 Rayon waste (sponges).
2223 Rayon yarn and thread: Spun and thrown.
2851 Rayon yarn, not spun or thrown (primary product).
3199 Razor strops.
3351 Razors (including safety razors).
2751 Ready prints.
3543 Reamers (machine-tool accessories).
3522 Reapers.
3831 Rear-axle housings, automobile.
2781 Rebinding books, magazines, or pamphlets.
3092 Rebuilt tires—not made in tire-repair shops.
2782 Receipt books.
3661 Receiving sets, radio.
3091 Reclaimed rubber.
3811 Reconnaissance cars.
3911 Recording instruments.
3661 Recording machines: Speech, music.

3661 Records and record blanks, phonograph.
2294 Recovered fiber.
3619 Rectifiers (electrical apparatus).
3269 Red earthenware.
2812 Red lead, minimum.
2513 Red furniture.
2552 Reed ware (except furniture).
3939 Reeds for musical instruments.
3552 Reeds, loom.
3912 Reels and rewinders for films.
2599 Reels, cloth-winding (wooden).
2664 Reels, fiber.
3949 Reels, fishing.
3569 Reels (metal), for drying clothes.
2911 Refinery or oil-still gas.
2254 Refinishing and sponging cloth (for the trade).
3229 Reflectors, glass.
3482 Reflectors, metal.
3913 Reflectors, searchlight.
3297 Refractories, magnesia (nonclay).
3297 Refractories, magnesite (nonclay).
3297 Refractories, nonclay.
3297 Refractories, silica (nonclay).
3269 Refractory cement, clay.
3297 Refractory cement, nonclay.
3584 Refrigeration machinery and equipment, industrial (including refrigerated counters and showcases).
3584 Refrigerator cabinets: Metal, wooden (household).
3371 Refrigerator parts, vitreous-enameled.
3584 Refrigerators, domestic (mechanical and absorption).
2389 Regalia, made from fabric.
3571 Registers and parts, cash.
3565 Registers, fare (for street railway cars).
3362 Registers, hot-air.
3565 Registers, lineal tallying.
3366 Regulators (steam fittings).
3611 Relays, electrical.
2035 Relishes.
2895 Rendering fats, bones, hides, fleshings, and fish.
3974 Renovating ostrich feathers (for the trade).
2781 Repairing books.
2883 Resinates.
2883 Resins, phenolic (manufactured for sale as such).
3619 Resistance units, electric.
3916 Respirators.
2522 Restaurant furniture, metal.
2521 Restaurant furniture, wooden.
3939 Rests, chin (violin).
3375 Retinning (except retinning in the manufacture of tin plate and terneplate).
3915 Retinoscopes.
3092 Retreaded tires (not made in tire-repair shops).
3397 Revolvers.
3619 Rheostats, electric.
2664 Ribbon blocks, fiber.
2212 Ribbons, cotton.
3955 Ribbons, inked (for typewriters, adding machines, cash registers, etc.).
2222 Ribbons, rayon or silk.
2044 Rice bran.
2044 Rice cleaning and polishing.
2044 Rice flour and meal.
2044 Rice, milled (all varieties).
2044 Rice polish.
3191 Riding bridles.
2329 Riding clothes, men's.
3191 Riding crops.
2339 Riding habits, women's.
3397 Rifles.
3569 Rings, piston.
3289 Riprap, granite.
3542 Riveting machines.
3312 Rivets—made in rolling mills.
3391 Rivets—not made in plants connected with rolling mills.
2931 Road materials, bituminous (manufacturing).
3811 Road oilers (trucks).
2911 Road oils.
3531 Road-building machinery.
3621 Roasters, electric.
3551 Roasting machinery: Coffee, peanut.
2385 Robes, lounging.
2231 Robes, motor: Woolen.
2511 Rockers, household, not upholstered (wooden).
2897 Rockets.
3941 Rocking horses.
3269 Rockingham ware.
3295 Rocks, ground or otherwise treated.
2885 Rock-salt processing.
3542 Rod forming and fabricating machines.
3949 Rod mountings, fishing.
3312 Rods, bolt and nut (made in rolling mills).
2562 Rods: Curtain, drapery.
3381 Rods (fabricated) for reinforcing concrete—not made in plants connected with rolling mills.
3949 Rods, fishing.
3312 Rods, spike and chain (made in rolling mills).
3312 Rods, steel (made in rolling mills).
3312 Rods, wire (made in rolling mills).
2932 Roll roofing, asphalt.
3312 Rolled-steel products, semifinished (made in rolling mills).
3113 Roller leather.
3949 Roller skates.
2562 Rollers and fittings, window shade.
3522 Rollers, land.
3555 Rollers, printers'.
3531 Rollers, road.
3531 Rollers, steam.
2599 Rollers, wooden.
3312 Rolling mills.
2599 Rolling pins, wooden.
3542 Rolling-mill machinery and equipment.
2051 Rolls (bakery products).
2699 Rolls, paper (for adding machines, telegraph tape, etc.)
2221 Romaines, rayon.
2369 Rompers, infants'.
2932 Roof cement: Asphalt, fibrous plastic.
2932 Roof coatings, liquid: Fibrous, nonfibrous.
2932 Roofing, asphalt-saturated felt.
2932 Roofing, built-up.
2932 Roofing cements and coatings, except paint.
2932 Roofing composition, mastic.
2932 Roofing fabrics, waterproofed.
2932 Roofing pitch, coal-tar.
2932 Roofing, roll (asphalt).
3271 Roofing slabs, concrete.
3289 Roofing, slate.
2932 Roofing, tar-saturated felt.
3253 Roofing tile, clay.
3271 Roofing tile, concrete.
2081 Root beer.
3552 Rope and cordage machines.
2624 Rope and jute wrapping paper.
2298 Rope (except wire rope).
3341 Rope, wire (made in wire mills).
3349 Rope, wire, uninsulated (made from purchased wire).
2863 Rosin (product of distillation of pine gum).
2862 Rosin (product of softwood distillation).
2881 Rosin sizes.
3922 Rotary brushes (not complete machine).
2771 Rotary photogravure printing.
2833 Rotenone.
2629 Rotogravure paper.
2771 Rotogravure printing.
2771 Rotogravure printing plates, preparation of.
3291 Rouge, polishing (abrasive).
2832 Rouges (cosmetics).
2599 Rounds or rungs, ladder.
3552 Roving machines (textile).
3732 Rowboats, building and repairing.
3051 Rubber cement.

2889 Rubber chemicals (coal-tar).
3917 Rubber, dental.
3091 Rubber (hard), pulverized.
3091 Rubber, reclaimed.
2883 Rubber substitutes.
2883 Rubber, synthetic.
2222 Rubber thread, rayon-covered or silk-covered.
2222 Rubber yarns, rayon-covered or silk-covered.
2386 Rubberized clothing: Aprons, bibs, pants, raincoats, shields, etc.
3041 Rubberized fabrics.
3041 Rubberized sheeting.
3559 Rubber-products machinery: Jar-ring cutters, latex machinery, rubber-thread, hose, and tire machinery.
3559 Rubber-working machinery: Pressers and driers, scrap cutters and tire choppers, rubber boot and shoe machinery; mixers, calenders, hydraulic presses, tubing machines, plasticators; extruding, straining, refining, and washing machinery.
3291 Rubbing stones, artificial or made from natural stone.
3289 Rubble, granite.
23V1 Ruffling (for the trade).
2343 Ruffling, women's.
2211 Rugs, cotton.
2262 Rugs (except wool).
2262 Rugs (not woven), printed felt, pressed wool, etc.
2231 Rugs, steamer: Woolen.
2262 Rugs, woven (other than wool).
2261 Rugs, woven wool.
2599 Rulers, wooden.
3555 Rules (brass), printers'.
3555 Rules (composing), printers'.
3352 Rules, metal.
2782 Ruling, paper.
2085 Rum.
2036 Russian dressing.
2893 Rust removers.
3375 Rustproofing of metals.
2041 Rye flour.

S

2652 Sacks, shipping (paper).
2399 Saddle cloths.
3359 Saddlery and harness hardware.
3191 Saddles (harness) and parts.
3741 Saddles, motorcycle and bicycle.
3398 Safe-deposit boxes or chests.
3398 Safes.
3199 Safety belts.
2884 Safety fuses.
3239 Safety glass (made from purchased glass).
3211 Safety glass (not laminated).
2883 Safety-glass sheets.
3731 Sailboats, building and repairing (5 gross tons or over)
3732 Sailboats, building and repairing (less than 5 gross tons).
2395 Sails.
2036 Salad dressings: Raw, cooked (including mayonnaise).
2092 Salad oils.
2782 Sales books.
2889 Salicylates.
2885 Salt obtained by evaporation.
2885 Salt, packers'.
2885 Salt, processing of.
2885 Salt, table.
2789 Sample cards.
2789 Sample mounting.
3141 Sandals, beach.
3141 Sandals, felt (not made in felt plants).
3141 Sandals, leather.
3553 Sanding machines.
3296 Sand-lime brick, block, and tile.
3291 Sandpaper.
3559 Sandpaper manufacturing machines.
3295 Sandstone, ground or otherwise treated.
2099 Sandwich spreads (except cheese).
2251 Sanforizing fabrics, except on contract.
2253 Sanforizing fabrics on a contract basis.
3916 Sanitary aprons.
3916 Sanitary napkins.
3361 Sanitary ware, enameled iron.
3383 Sash, window (ferrous and nonferrous metal and metal covered).
2431 Sash, wooden: Door, window.
3161 Satchels (regardless of material).
2211 Sateens, cotton.
2221 Satins, rayon or silk.
2035 Sauces, vegetable.
2033 Sauerkraut, canned.
2035 Sauerkraut in bulk.
2014 Sausage casings (including synthetic).
2011 Sausage materials (meat trimmings).
2013 Sausages: Canned, cooked, dried, fresh, smoked.
3354 Saw accessories (sets, guides, clamps, bracing tools).
3354 Saw parts (blades, frames, handles, teeth, etc.).
2421 Sawdust.
2411 Sawlogs.
3553 Sawmill machines.
2421 Sawmills combined with logging camps or planing mills.
2421 Sawmills, custom.
2421 Sawmills (except special-product mills).
3354 Saws, hand (metalworking and woodworking), including hand electric.
3541 Saws, power cutting-off machines.
3553 Saws (woodworking machines).
3939 Saxophones.
2599 Scaffolds, wooden.
3298 Scagliola (statuary).
3574 Scales (including coin-operated scales).
3543 Scales (machinists' measuring).
23V1 Scalloping (for the trade).
3553 Scarfing machines.
23X1 Scarfs (except knitted), men's and boys'.
2244 Scarfs, knit.
2343 Scarfs (not knitted), women's.
2393 Scarfs, table and dresser, not made in textile mills.
2812 Scarlet 2 r lake.
3999 Scenery, theatrical.
2531 School furniture.
2253 Schreinered fabrics—made on a contract basis.
2251 Schreinered fabrics—not done on a contract basis.
3229 Scientific glass and glass products (not made from purchased glass).
3239 Scientific-apparatus glass (for druggists, hospitals, laboratories, etc.), made from purchased glass.
3351 Scissors, shears, and snips.
3949 Scoops, crab and fish.
3943 Scooters, children's.
2233 Scoured wool.
2841 Scouring compounds and powders (containing soap).
2893 Scouring compounds (containing no soap).
3559 Scouring machines (tanners' and others).
2841 Scouring powders (containing soap).
3811 Scout cars.
3731 Scows, building and repairing.
2782 Scrapbooks.
3531 Scrapers (construction).
3533 Screeners (mining machinery).
3569 Screening machines.
2561 Screens, door.
3912 Screens, motion picture.
3569 Screens, vibrating.
2561 Screens, window.
3352 Screw drivers.
3541 Screw machines (machine tools).
3395 Screw-machine products (ferrous and nonferrous).
3395 Screws (ferrous and nonferrous): Cap, set, wood.
2211 Scrub cloths (made in cotton mills).
3298 Sculptures, architectural.

3351 Scythes.
3291 Scythestones, artificial or made from natural stone.
2834 Sea coal.
2031 Sea food products, canned.
3359 Seal presses.
3569 Sealers (hand) for gummed tape.
2899 Sealing wax.
3953 Seals, hand (dies).
2761 Seals, lithographed.
3913 Searchlight mirrors and reflectors.
3481 Searchlights.
2035 Seasonings, vegetable
3741 Seat posts, motorcycle and bicycle.
2599 Seats, chair (wooden).
2531 Seats for public conveyances.
3361 Seats, toilet (all types).
3522 Seeders, broadcast and wagon or end gate.
2211 Seersuckers, cotton.
3259 Segment blocks, clay.
3811 Semitrailers (for truck-tractors).
2041 Semolina.
3551 Separators, cream.
3569 Separators for steam, gas, vapor, and air.
3522 Separators, grain and cranberry.
3271 Septic tanks, concrete.
2221 Serges, rayon or silk.
2831 Serums.
2329 Service apparel, washable (hospital, professional, barber, etc.).
2627 Set-up boxboard.
2662 Set-up boxes: Paper, paperboard (except decorated).
3254 Sewer pipe, clay.
3271 Sewer pipe, concrete.
3583 Sewing machines: Domestic, industrial.
3583 Sewing-machine attachments.
2511 Sewing-machine cabinets and cases.
2213 Sewing-thread yarn (cotton).
3911 Sextants.
3973 Shades, lamp (except glass and metal).
3229 Shades, lamp (glass).
2563 Shades, porch.
2562 Shades, window.
3566 Shafts, flexible.
3949 Shafts, golf-club.
3566 Shafts, power-transmission (except forgings).
2832 Shampoos (containing no soap).
2841 Shampoos (containing soap).
3132 Shanks, shoe.
3541 Shapers (machine tools).
3553 Shapers (woodworking).
2841 Shaving cakes, powder, sticks, and tablets.
2832 Shaving cream (containing no soap).
2841 Shaving cream (containing soap).
3541 Shaving machines (machine tools).
2244 Shawls, knit.
3542 Shears, power (metal).
2626 Sheathing paper.
2012 Sheep slaughtering, contract only (wholesale).
2011 Sheep, slaughtering on own account (wholesale).
2221 Sheers, rayon or silk.
2253 Sheet and pillowcase fabrics—made on a contract basis.
2251 Sheet and pillowcase fabrics (not made on a contract basis).
3239 Sheet glass, bent (made from purchased glass).
3312 Sheet piling, plain (made in rolling mills).
3041 Sheeting, rubberized.
2211 Sheetings (in the gray).
3542 Sheet-metalworking machines.
2251 Sheets—made in finishing plants (except on a contract basis).
2253 Sheets—made in finishing plants on a contract basis.
3312 Sheets (made in rolling mills).
2393 Sheets—not made in textile mills.
3399 Sheets (steel), cold-rolled—not made in plants operated in conection with hot rolling mills.
3999 Shell work (small novelty articles made of shell).
2811 Shellac.
3522 Shellers, corn.
3312 Shells and projectiles (made in rolling mills).
2892 Shells, paper (blank).
2892 Shells, paper (empty).
2892 Shells, paper (loaded).
2541 Shelving: Metal, wooden.
3375 Sherardizing.
2024 Sherbets.
2411 Shingle bolts.
2423 Shingle mills.
2932 Shingles, asphalt (strip and individual).
2423 Shingles, wooden.
3731 Shipbuilding, including ship repairing (steel and wooden vessels).
2554 Shipping cases, plywood.
2663 Shipping containers, corrugated and solid-fiber-board.
2652 Shipping sacks, paper.
2211 Shirting coverts.
2211 Shirtings, cotton (in the gray).
2251 Shirtings—made in cotton-finishing plants (except on a contract basis).
2253 Shirtings—made in finishing plants on a contract basis.
2231 Shirtings, woolen and worsted.
2329 Shirts and slacks to match.
2321 Shirts (except work shirts and knitted shirts), men's, youths', and boys'.
2324 Shirts, flannel (men's, youths', and boys').
2244 Shirts, knit (outerwear).
2245 Shirts, knit (underwear).
2214 Shirts, polo or sport (knit).
2324 Shirts, work (men's, youths', and boys').
3831 Shock absorbers, automobile.
3559 Shoe and boot making and repairing machinery.
2893 Shoe dyes.
2212 Shoe laces, cotton.
2222 Shoe laces, rayon or silk.
2243 Shoe linings (knit cloth).
2893 Shoe polish.
3953 Shoe stamps, steel.
2595 Shoe stretchers and trees, wooden.
2571 Shoes, burial.
3141 Shoes, canvas (except rubber-soled).
3021 Shoes, canvas (rubber-soled).
3942 Shoes, doll.
3141 Shoes (except canvas shoes with rubber soles, extension shoes, rubber shoes, and snowshoes).
3916 Shoes, extension.
3141 Shoes, felt (not made in felt plants).
3495 Shoes for conductor pipe.
3141 Shoes, leather.
3021 Shoes, lumbermen's.
3141 Shoes, orthopedic (except extension shoes).
3021 Shoes, rubber.
2554 Shooks, box, not made from logs or bolts.
3949 Shooting equipment (except firearms and ammunition).
2092 Shortenings, compound and vegetable.
2892 Shot (caliber .60 and under).
3397 Shotguns.
2244 Shoulderettes, knit.
3352 Shovels, hand.
3531 Shovels, power.
2541 Showcases: Metal, wooden.
2393 Shower-bath curtains—not made in textile mills.
3522 Shredders, corn.
2031 Shrimps, canned.
2254 Shrunk cloths.
3383 Shutters, ferrous and nonferrous metal and metal covered.
2431 Siding (dressed lumber).
2812 Sienna.
33X4 Sighting equipment (except optical).
3913 Sights, telescopic.
3662 Signaling apparatus, electric.
3831 Signaling devices, automobile.
3662 Signals, electric highway.

2897 Signals, marine.
3993 Signs, cut-out.
3993 Signs: Electrical, mechanical.
3993 Signs: Embossed, painted, stamped.
3993 Signs (except engraved).
3993 Signs, silk-screen (paint, printed or other process).
3297 Silica brick (nonclay).
3295 Silica, ground or otherwise treated.
3297 Silica refractories (nonclay).
2889 Silicofluorides.
3297 Silicon carbide, brick, and other refractories (nonclay).
2888 Silicon carbide (grain).
2221 Silk broad woven goods, in the gray (over 12 inches in width).
2252 Silk fabrics, dyed and finished (except on contract).
2253 Silk fabrics, dyeing and finishing on a contract basis.
2222 Silk narrow fabrics (in the gray) not over 12 inches in width.
2223 Silk thread.
2223 Silk throwing, twisting, and spinning
2223 Silk yarn (raw stock).
2223 Silk yarn: Spun, thrown, twisted.
3271 Sills, concrete.
3251 Silo and corncrib tile.
3522 Silo fillers, hoists, etc.
2431 Silo stock, wooden.
3493 Silver foil.
3416 Silver ingots and bars, from the ore.
3493 Silver leaf.
3421 Silver refining and alloying, not from the ore.
3416 Silver refining (primary).
3421 Silver smelting and refining (secondary).
3454 Silversmithing.
3454 Silverware: Nickel silver, silver-plated, solid silver (sterling).
3949 Sinkers, fishing.
3361 Sinks, enameled iron.
3311 Sinter (product of treated blast-furnace flue dust and ore dust).
3997 Siphons, soda-water.
2062 Sirup, cane (refined).
2095 Sirups, flavoring.
3954 Sizes, artists', gold and bronze.
2881 Sizes: Rosin, gum, dextrine.
3949 Skates and parts: Ice, roller.
3312 Skelp (made in rolling mills).
3954 Sketching boxes, artists'.
2599 Skewers, wooden.
2339 Ski and snow pants.
2362 Ski suits, children's.
2244 Ski suits, knit.
2339 Ski suits, made from purchased woven or knitted fabric (women's, misses', juniors').
2329 Ski suits, men's.
3349 Skid chains, automobile.
2023 Skim milk: Concentrated, dried, powdered.
3113 Skirting leather.
2231 Skirtings, woolen and worsted.
2332 Skirts, single (women's, misses', and juniors').
3949 Skis.
3113 Skivers, leather.
3495 Skylights, sheet metal.
3312 Slabs (made in rolling mills).
2253 Slack fabrics, cotton (made on a contract basis).
2251 Slack fabrics, cotton (not made on a contract basis).
2369 Slacks, children's.
2339 Slacks (women's, misses', and juniors').
3295 Slag, crushed.
3552 Slashing machines (textile).
3289 Slate and slate products.
2431 Slats (wooden), Venetian-blind.
2012 Slaughtering cattle, hogs, sheep, etc. (wholesale), contract only.
2011 Slaughtering cattle, hogs, sheep, etc. (wholesale), on own account.
3943 Sleds, children's.
3949 Sleds (except children's).
3799 Sleds, horse-drawn.
3712 Sleeping cars.
3799 Sleighs.
3551 Slicers (mechanical), fruit and vegetable.
3912 Slides: Lantern, stereopticon.
3912 Slides, photographic.
2393 Slip covers—not made in textile mills.
3141 Slippers, ballet.
3142 Slippers, house.
3542 Slitters, metal (machines).
3573 Slot machines.
3541 Slotters (machine tools).
3172 Small leather goods.
3559 Smelting and refining equipment.
2334 Smocks.
2884 Smokeless powder.
3999 Smokers, bee.
3229 Smokers' glassware (ash trays, tobacco jars, etc.): Hand-made, machine-made.
2514 Smoking stands, metal.
2511 Smoking stands, wooden.
3364 Smokestacks (except sheet metal).
3611 Snap switches, electric.
2431 Snow fence.
3811 Snow plows (motor vehicles).
2362 Snow suits, children's.
2329 Snow suits, men's.
2339 Snow suits (women's, misses', juniors').
3949 Snowshoes.
2231 Snow-suit and ski-suit cloth, woolen and worsted.
2131 Snuff.
2841 Soap chips and flakes.
2841 Soap (granulated or liquid): Laundry, toilet.
2841 Soap, laundry.
2841 Soap stock or soap base (manufactured for sale as such).
2841 Soap, textile (including potash and foots soaps for textile manufacture).
2841 Soap, toilet.
3611 Sockets, electric (lamp, etc.)
3543 Sockets (machine-tool accessories).
2889 Soda ash.
2889 Soda, caustic.
3997 Soda fountains and parts and accessories.
2889 Sodium aluminate.
2889 Sodium antimoniate.
2889 Sodium benzoate.
2889 Sodium bicarbonate.
2889 Sodium borate.
2889 Sodium carbonate (soda ash).
2889 Sodium hydroxide (caustic soda).
2889 Sodium hypochlorite.
2888 Sodium metal.
2889 Sodium molybdate.
2889 Sodium silicate.
2889 Sodium silicofluoride.
2889 Sodium stannate.
2889 Sodium tungstate.
2889 Sodium uranate.
2512 Sofas.
2081 Soft drinks.
2881 Softeners (textile assistants).
2862 Softwood distillation.
3369 Solar heaters.
2834 Soldering fluxes.
3621 Soldering irons, electric.
3542 Soldering machines.
3439 Solders, metal.
3111 Sole leather.
3022 Soles: Composition, fiber, rubber.
3131 Soles (except composition and rubber).
3131 Soles, inner (leather).
3131 Soles, outer (leather).
3022 Soling strips, rubber.
2834 Solvents, recovery of (except on a contract basis).
2099 Sorghum (including custom refining).
3522 Sorting machines for fruits, grains, vegetables.
3662 Sound equipment, electrical.
33X4 Sound locators (sighting and fire-control equipment).

3662 Sound signals, electrical.
2015 Soups, canned (chicken).
2033 Soups, canned (except chicken and clam).
2792 Souvenir cards, engraved.
2761 Souvenir cards, lithographed.
2751 Souvenir cards, printed.
2823 Soybean cake or meal.
2042 Soybean flour.
2823 Soybean oil.
2883 Soybean plastics.
3352 Spades.
2033 Spaghetti, canned.
2098 Spaghetti, long and short cut.
3271 Spanish floor tile, concrete.
3295 Spar, ground or otherwise treated.
3641 Spark plugs.
2084 Sparkling wines (including champagne).
2411 Spars (hewn).
2599 Spars, wooden.
3141 Spats (footwear).
3949 Spears, fish.
2025 Special dairy products.
3211 Spectacle glass.
3913 Spectrometers.
3913 Spectroscopes.
3565 Speedometers.
3915 Sphygmomanometers.
2099 Spices.
3312 Spike rods (made in rolling mills).
3312 Spikes (made in rolling mills).
3342 Spikes (not made in wire mills or in plants connected with rolling mills).
3341 Spikes, wire (made in wire mills).
3552 Spindles (textile-machinery parts).
3542 Spinning machines (metal).
3552 Spinning machines (textile).
3916 Splints, pneumatic.
3112 Splits, leather.
2599 Spokes, wooden.
2051 Sponge goods (bakery products).
3052 Sponge rubber.
3052 Sponge rubber products.
3999 Sponges, bleaching and dyeing.
2254 Sponging and refinishing cloth (for the trade).
2664 Spools, fiber (metal end or all fiber).
3499 Spools, metal (except typewriter and textile-machinery spools).
2599 Spools, textile-machinery (wooden).
2599 Spools, wooden.
2699 Spoons, paper (made of converted paper).
2694 Spoons, pressed and molded pulp.
2329 Sport clothing (except knitted), men's and boys'.
2369 Sportswear, children's.
3481 Spotlights.
3495 Spouts, sheet metal.
3522 Spraying machines (agricultural).
3561 Spraying outfits for paints and chemicals.
3522 Spreaders, lime and manure.
3542 Spring winding and forming machines.
2515 Springs: Bed, box.
3349 Springs, hair—not made in wire mills.
3394 Springs, steel (except wire)—not made in plants connected with rolling mills.
3349 Springs, wire (except complete bed springs)—made from purchased wire.
3569 Sprinklers, fire.
2083 Sprouts—made in malthouses.
3499 Spun and stamped nonferrous metal-ware (except aluminum).
2223 Spun staple yarn, rayon.
2223 Spun yarn, silk.
3913 Spyglasses.
3271 Squares for walls and ceilings, concrete.
3522 Stackers, hay and grain.
3999 Stage hardware and equipment.
3481 Stage-lighting equipment.
2893 Stain removers.
3229 Stained glass.
2811 Stains.
2893 Stains for wood, fabricated leather, and other materials.
2431 Stair railings (wooden).
3381 Staircases and stairs, structural steel—not made in plants connected with rolling mills.
2431 Staircases and stairs, wooden.
2599 Stakes, surveyors (wooden).
3569 Stalls (metal), portable—for dairies.
3261 Stalls, vitreous and semivitreous.
3953 Stamp pads.
3373 Stamped and pressed metal products (except automobile stampings).
23V2 Stamped art goods for embroidering.
2953 Stamping devices (hand).
2891 Stamping ink.
23V2 Stamping on fabric articles (for the trade).
3533 Stamping-mill machinery.
3373 Stampings, metal (except for automobiles).
3372 Stampings, metal (for automobiles).
3953 Stamps, dating.
3953 Stamps for marking textiles.
3953 Stamps, hand: Metal, rubber.
2541 Stands, display (for merchandise).
3939 Stands, music.
3312 Staples (made in rolling mills).
3342 Staples (not made in wire mills or in plants connected with rolling mills).
3341 Staples, wire (made in wire mills).
2094 Starch (except for industrial uses): Corn, potato, rice, root, wheat, and other.
3641 Starter motors, automotive.
3811 Station wagons.
3229 Stationers' glassware (inkwells, clip cups, etc.), hand-made, machine-made.
3051 Stationers' sundries, rubber.
2692 Stationery.
2792 Stationery, engraved.
2751 Stationery printing.
3289 Statuary and pedestals, marble.
3298 Statuary, ecclesiastical.
3298 Statuary (including cast-bronze statuary).
3298 Statuary, papier-mâché.
2411 Stave bolts.
2424 Staves, barrel (cooperage stock).
3132 Stays, shoe.
3366 Steam fittings and specialties (regardless of material).
3369 Steam tables (except electric).
2231 Steamer rugs, woolen.
2889 Stearates and stearic acid.
3399 Steel bars, cold finished—not made in plants operated in connection with hot rolling mills.
3312 Steel bars (made in rolling mills).
3323 Steel castings.
3312 Steel castings, direct (made in rolling mills).
3323 Steel foundries.
3381 Steel gratings, treads, and flooring—not made in plants connected with rolling mills.
3312 Steel ingots (made in rolling mills).
3364 Steel plate, fabricated (cut, punched, and shaped for assembly on job).
3291 Steel shot and grit (abrasives).
3381 Steel, structural—not made in plants connected with rolling mills.
3291 Steel wool.
3312 Steel works.
2792 Steel-line engraving.
3542 Steel-rolling machines: Bar, sheet, tin plate.
3831 Steering mechanism, automobile.
2141 Stemming, tobacco (in establishments operated by tobacco manufacturers).
2691 Stencil cards (for addressing machines).
3579 Stencil machines.
3955 Stencil paper for typewriters.
3953 Stencils for use in painting, marking, or in addressing machines.
2599 Stepladders.
3912 Stereographs, photographic.
3912 Stereopticon lantern slides.
3912 Stereopticons.

2794 Stereotype plates.
2794 Stereotyping.
3555 Stereotyping machines.
2023 Sterilized cream, canned.
3991 Sterilizers (beauty and barber shop).
3917 Sterilizers, dental.
3916 Sterilizers: Hospital and surgical.
3551 Sterilizers, milk bottle.
3699 Sterilizing apparatus, electric (except dentists' and beauty and barber shop sterilizers).
3915 Stethographs.
3915 Stethoscopes.
3949 Sticks: Hockey, lacrosse, etc.
2081 Still beverages, nonalcoholic.
2084 Still wine, dry and sweet.
3364 Stills, pressure (forged or welded).
23V1 Stitching (for the trade).
2792 Stock certificates, engraved.
2599 Stock, chair: Turned, shaped, or carved.
2243 Stockinette (knit cloth).
2121 Stogies.
3567 Stokers, mechanical: Domestic, industrial.
3289 Stone, cut and shaped.
3352 Stonecutters' tools (hand).
3269 Stoneware.
3559 Stone-working machinery.
2514 Stools, household (metal).
2511 Stools, household (wooden).
3271 Stools (precast terrazzo).
3255 Stoppers, floaters, and rings (clay).
3051 Stoppers, rubber.
3691 Storage batteries.
2541 Store fixtures.
3981 Store fronts, plastic.
3383 Store fronts, prefabricated (ferrous and nonferrous metal and metal covered).
2541 Store fronts, prefabricated (wooden).
2082 Stout (malt liquor).
3495 Stove and furnace pipe and flues (sheet metal).
3259 Stove lining, clay.
3371 Stove parts, vitreous-enameled.
2893 Stove polish.
3362 Stoves, cooking (except electric).
3261 Stoves, disk (electric).
3621 Stoves, electric.
3362 Stoves, heating (coal, wood, or oil).
3113 Strap leather.
3191 Strap work (harness).
3199 Straps, leather.
2627 Strawboard (for corrugated container use).
2699 Straws, soda.
3712 Street cars.
3811 Street sprinklers and sweepers (motor vehicles).
3921 Street-sweeping machine brooms.
2599 Stretchers, curtain.
3939 Stringed musical instruments (except pianos).
3916 Strings, gut (surgical).
3939 Strings, musical (gut and metal).
3949 Strings, tennis racket.
2561 Strip, weather.
3312 Strips, bands, flats, scroll, and hoops (made in rolling mills).
3399 Strips (steel), cold-rolled—not made in plants operated in connection with rolling mills.
3943 Strollers, baby.
3251 Structural clay tile (unglazed).
3381 Structural metal work, ferrous and nonferrous (fabricated in shops or factories for buildings, bridges, etc.)—not made in plants connected with rolling mills.
3312 Structural shapes, not assembled or fabricated (made in rolling mills).
3381 Structural steel, fabricated (cut, punched, etc., for buildings, bridges, etc.)—not made in plants connected with rolling mills.
3941 Structural-toy sets.
2831 Strychnine.
3271 Stucco.
3961 Studs (except precious metal and precious or semiprecious stones).
3551 Stuffers, sausage.
3916 Stumpsocks.
3951 Stylographic pens.
2831 Subcutaneous products, prepared.
2211 Suede, cotton.
2329 Suede jackets.
2063 Sugar, beet: Granulated, unfinished.
2061 Sugar, cane: Clarified, granulated, raw.
2099 Sugar grinding.
2025 Sugar of milk.
2099 Sugar, powdered.
2062 Sugar, refined.
2062 Sugar refineries.
2061 Sugar sirup.
2052 Sugar wafers.
3551 Sugar-plant machinery: Cane and beet mills, crushers, pulp presses, juice heaters, evaporators, clarifiers, crystalizers, defecators, filters, centrifugals, granulators, cube presses, pulverizers, etc.
3161 Suitcases (regardless of material).
2211 Suitings, cotton.
2251 Suitings, cotton and linen—made in finishing plants (except on a contract basis).
2253 Suitings—made in finishing plants on a contract basis.
2221 Suitings, rayon or silk.
2231 Suitings, woolen and worsted.
2362 Suits, children's and infants'.
2244 Suits, knit.
2311 Suits (men's, youths', and boys'), except wash suits.
2331 Suits (women's, misses', and juniors').
3943 Sulkies, baby.
2889 Sulphates.
2889 Sulphides.
2889 Sulphites.
2889 Sulphocyanides (thiocyanates).
2881 Sulphonated cod and other fish oils.
2881 Sulphonated oils (castor, olive, teaseed, and other vegetable oils).
2881 Sulphonated tallow and other animal oils.
2889 Sulphur dioxide.
2833 Sulphur dust.
3295 Sulphur, ground or otherwise treated.
2889 Sulphur refining.
2889 Sulphuric acid.
2881 Sumac extract.
2369 Sun suits, children's.
2871 Superphosphates: Ammoniated, not ammoniated.
3916 Supports: Abdominal, ankle, arch, kneecap, etc.
3699 Supports for electric lamps.
2831 Suppositories.
3916 Surgical appliances and supplies.
3916 Surgical bandages.
3916 Surgical belts.
3916 Surgical dressings.
3916 Surgical gauze.
3915 Surgical instruments.
3911 Surveying instruments.
2384 Suspenders, elastic.
3199 Suspenders, leather.
3916 Suspensories.
3916 Sutures, pneumatic.
3916 Swabs, sanitary cotton.
3542 Swaging machines (metalworking).
2789 Swatches.
3999 Swatters, fly.
23X3 Sweat bands.
2244 Sweat shirts, knit.
2244 Sweater coats, knit.
2244 Sweaters, knit.
3569 Sweepers, carpet (except electric vacuum sweepers).
2893 Sweeping compounds.
2514 Swings, porch (metal).
3569 Switch appliances, railroad.
3619 Switch boxes.
3289 Switchboard panels, slate.
3619 Switchboards.
3619 Switches, automatic (electric).

3312 Switches, frogs, and crossings (made in rolling mills).
3994 Switches (hair).
3392 Switches, railway (forged)—not made in plants connected with rolling mills.
3949 Swivels, fishing.
3912 Synchronizers (photographic).
2831 Synthetic chemical medicines.
2851 Synthetic fibers.
2883 Synthetic resins (coal-tar and non-coal-tar).
2883 Synthetic rubber.
2881 Synthetic tanning materials.
3051 Syringes, fountain (rubber).
3915 Syringes, hypodermic.

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2292 Table covers, lace.
2211 Table damask, cotton.
2552 Table pads, rattan and willow.
3239 Table tops, glass.
3280 Table tops, marble.
3981 Table tops, plastic.
3371 Table tops, vitreous-enameled.
2251 Tablecloths, cotton and linen—made in finishing plants (except on a contract basis).
2253 Tablecloths—made in finishing plants on a contract basis.
2393 Tablecloths—not made in textile mills.
3949 Tables: Billiard, pool, bagatelle, and ping-pong.
2571 Tables, embalming.
2511 Tables, household (wooden).
3541 Tables, saw (metal).
3559 Tables, sludge.
2692 Tablets (stationery).
3229 Tableware, glass (hand-made and machine-made).
3571 Tabulating machines.
3911 Tachometers.
2599 Tackle blocks, wooden.
3949 Tackle, fishing.
3312 Tacks (made in rolling mills).
3342 Tacks (not made in wire mills or in plants connected with rolling mills).
2221 Taffetas, rayon or silk.
2624 Tagboard wrapping paper.
2699 Tags and pin tickets.
2761 Tags, lithographed.
3954 Tailors' chalk.
2599 Tailors' pressing blocks.
3295 Talc, ground or otherwise treated.
2832 Talcum powders.
2895 Tallow.
2099 Tamales and similar food preparations.
33X1 Tank artillery (having a bore greater than 0.60 inch).
3712 Tank freight cars.
33X3 Tank parts (military)—except tank armament.
2873 Tankage (fertilizer material).
3495 Tanks (containers), sheet metal.
2555 Tanks, coopered (wooden).
3495 Tanks: Copper, galvanized iron.
3912 Tanks, developing (photographic).
3261 Tanks, flush (lowdown)—all clay.
3364 Tanks, metal (heavy)—except galvanized, iron, and copper.
33X3 Tanks (military).
3997 Tanks, soda-water.
3364 Tanks, storage (for oil, etc.).
2431 Tanks, wooden (except coopered tanks).
**** Tanneries—code according to principal type of leather tanned.
3559 Tannery machines.
2889 Tannic acid.
2881 Tanning assistants.
2881 Tanning extracts.
2881 Tanning materials (except synthetic): Chrome tannage, extracts, ground bark, etc.
2881 Tanning materials, synthetic.
3031 Tape: Friction, rubber.
2633 Tape, gummed: Cloth, paper.
3999 Tape, hook-and-eye and snap fastener.
2212 Tapes (cotton narrow fabrics).
2211 Tapestries, cotton (in the gray).
2253 Tapestries, finished on a contract basis.
2221 Tapestries, rayon or silk (in the gray).
2252 Tapestries, silk and rayon (finished—except on contract).
3541 Tapping machines (machine tools).
3131 Taps, shoe (regardless of material).
2931 Tar and asphalt mixtures for paving.
2861 Tar and tar oils (products of hardwood distillation).
2862 Tar and tar oils (products of softwood distillation).
2922 Tar (derived from byproduct coke ovens).
2911 Tar or residium (product of crude petroleum distillation).
2639 Tar paper.
3949 Targets, archery and rifle shooting.
3949 Target-shooting equipment (except firearms and ammunition).
2395 Tarpaulins.
2932 Tar-saturated felt roofing.
2889 Tartaric acid.
2889 Tartrates.
3811 Taxicabs.
3565 Taximeters.
2511 Tea wagons.
3229 Technical glass and glass products (not made from purchased glass).
3522 Tedders, hay.
3917 Teeth, artificial—not made in dental laboratories.
3662 Telautograph instruments.
3662 Telegraph equipment (except wire).
2541 Telephone booths.
3662 Telephone equipment (except wire).
2511 Telephone stands.
3913 Telescopes.
3661 Television sets, radio.
3399 Tempering of steel (for the trade).
3943 Tenders, baby.
3949 Tennis goods.
2395 Tents.
3312 Terneplate.
3252 Terra cotta.
3289 Terrazzo chips, marble.
3271 Terrazzo products, precast: Burial vaults, floor tile, plinth blocks, stools, thresholds, tombstones, wall base, wash fountains, windows, etc.
3271 Terrazzo sheets, marble (precast concrete product).
3271 Terrazzo steps (precast concrete).
3271 Terrazzo tile.
2211 Terry towels, woven.
2211 Terry woven fabrics.
3911 Testers, hardness.
3551 Testers, milk.
3569 Testing machines for measuring abrasion, shearing strength, tensile strength, torsion, etc.
2622 Text paper.
2394 Textile bags (except laundry bags)—not made in textile mills.
3121 Textile, leather (aprons, picker leathers, mill strapping etc.).
3552 Textile machinery: Shearing, examining, doubling, trademarking, brushing, rolling, semidecating, whipping, tentering, willowing, warping, twisting, beaming, slashing, embossing, singeing, sizing, measuring, sanforizing, braiding, and strip-cutting machines, etc.
2599 Textile turnings and shapes, wooden.
3552 Textile-finishing machinery: Bleaching, dyeing, mercerizing, printing, etc.
3552 Textile-machinery parts.
3953 Textile-marking stamps.
3552 Textile-printing machines.
2664 Textile-spinning bobbins, fiber (metal end or all fiber).
2531 Theater furniture.
2389 Theatrical costumes.

2751 Thermography.
3911 Thermometers, clinical.
3911 Thermometers (except clinical).
3366 Thermostats.
2811 Thinners for pyroxylin lacquers.
2811 Thinners (nitrocellulose).
2889 Thiocyanates (sulphocyanides).
3831 Third-axle attachments or six-wheel units.
2036 Thousand-island dressing.
2253 Thread, bleaching on a contract basis.
2251 Thead (cotton and linen), bleached—except on contract.
2251 Thread (cotton and linen), dyed—except on contract.
2253 Thread, dyeing and finishing on a contract basis.
3543 Thread gauges (machine-tool accessories).
2297 Thread, linen.
2214 Thread, sewing (cotton).
3051 Thread, rubber.
2222 Thread, rubber—rayon-covered or silk-covered.
2223 Thread, silk.
2252 Thread (silk and rayon), bleached—except on contract.
2252 Thread (silk and rayon), dyed—except on contract.
3541 Threading machines (machine tools).
3543 Threading tools.
3552 Thread-making machines (spinning).
3522 Threshing machines, attachments, and parts.
3271 Thresholds (precast terrazzo).
2223 Thrown yarn, rayon or silk.
2223 Thrown-filament yarn, rayon.
3571 Ticket-counting machines.
2761 Tickets, lithographed.
2751 Tickets, printed.
2211 Tickings, bed (in the gray).
2251 Tickings—made in cotton-finishing plants (except on a contract basis).
2253 Tickings—made in cotton-finishing plants on a contract basis.
3312 Tie plates (made in rolling mills).
2555 Tierces (cooperage).
3273 Tile, asphalt floor.
3253 Tile, ceramic, mosaic: Glazed, unglazed.
3253 Tile, clay (floor and wall).
3253 Tile, clay (roofing).
2592 Tile, cork.
3259 Tile, drain.
3253 Tile, enamel.
3253 Tile, faience.
3255 Tile, fire-clay.
3251 Tile, hollow building (partition, load-bearing, furring, book tile; conduit tile; floor-arch, silo, and corncrib tile; radial chimney blocks; fireproofing tile; etc.).
3296 Tile, sand-lime.
3271 Tile, terrazzo.
3253 Tile, white-glazed.
3271 Tiles, floor filler.
2411 Timber (product of logging camps).
2411 Timbers, mine (hewn).
3461 Time clocks and time-recording devices.
3461 Time locks.
3619 Time switches, electrical.
3331 Tin cans.
3494 Tin foil.
3429 Tin ingots and pigs (secondary).
3312 Tin plate.
3419 Tin refining (primary).
3352 Tinners' tools.
3312 Tin-plate bars (made in rolling mills).
3331 Tinware, finished.
23X3 Tip printing and stamping.
3131 Tips, shoe (shoe cut stock).
3349 Tire chains.
2213 Tire cord.
2211 Tire fabrics.
3561 Tire inflators, automatic.
3093 Tire sundries and tire-repair materials, rubber.
3011 Tires and inner tubes: Airplane, automobile, bicycle, motorcycle.
3011 Tires, cushion rubber.
3092 Tires, rebuilt—not made in tire-repair shops.
3092 Tires, retreaded—not made in tire-repair shops.
3011 Tires, solid rubber.
2625 Tissue paper.
2812 Titanium dioxide.
3621 Toasters, electric.
2131 Tobacco: Chewing, smoking.
2211 Tobacco cloth.
3229 Tobacco jars, glass (hand-made, machine-made).
3996 Tobacco pipes, pipestems, and bits.
2141 Tobacco stemming (in establishments operated by tobacco manufacturers).
3559 Tobacco-products manufacturing machines.
3949 Toboggans.
3132 Toe caps, metal.
2832 Toilet creams, powders, and waters.
3261 Toilet fixtures, porcelain (all clay).
3261 Toilet fixtures, vitreous and semivitreous.
2699 Toilet paper—not made in paper mills
2599 Toilet seats: Composition, wooden.
2625 Toilet tissue—made in paper mills.
3454 Toilet ware: Silver, gold, or plated
2033 Tomato cocktails: Bottled, canned.
2033 Tomato juice: Bulk, canned.
3281 Tombstones (except concrete), not including establishments which do only finishing or lettering to individual order.
3271 Tombstones (precast terrazzo).
2812 Toners or full-strength colors.
2812 Toners, reduced.
3532 Tools: Drilling, fishing, etc. (for artesian, gas, and oil wells).
3352 Tools (except edge tools, machine tools, files, and saws).
3543 Tools for screw and automatic machines.
3543 Tools, hand (power-driven), metal-working.
3352 Tools: Household, kitchen.
3541 Tools, machine (power-driven machines not portable by hand, employing a cutting tool for work on metal).
3542 Tools (portable), power-driven for metal work.
**** Tools—see specific kind of tool.
2832 Tooth pastes and powders.
3922 Toothbrushes.
2599 Toothpicks, wooden.
3131 Top lifts, boot and shoe.
2231 Topcoatings, woolen and worsted.
2311 Topcoats (men's and youths').
3022 Top-lift sheets, rubber.
3031 Top-roll covering, rubber (for textile-mill machinery).
3831 Tops, automobile.
2911 Tops (light product of crude petroleum distillation).
2234 Tops (product of wool combing).
2897 Torches (fireworks).
33X9 Torpedo tubes.
33X2 Torpedoes.
2897 Torpedoes, railroad.
3994 Toupees.
2211 Toweling and towels—made in cotton mills.
2251 Toweling and towels—made in cotton-finishing plants (except on a contract basis).
2253 Toweling and towels—made in cotton-finishing plants on a contract basis.
2625 Toweling, paper—made in paper mills.
2249 Towels, knit.
2297 Towels, linen.
2393 Towels made from purchased material.
2699 Towels, paper—not made in paper mills.
2211 Towels, turkish—woven.
3941 Toy furniture.

3941 Toy guns and air rifles.
3941 Toys (except rubber toys, dolls, and children's vehicles).
3941 Toys, musical.
3051 Toys, rubber, other than balloons.
3521 Tractors: Agricultural, industrial.
3811 Tractors, truck (highway use).
3662 Traffic signals, electric.
3841 Trailers, automobile (for passenger cars).
3799 Trailers, farm.
3811 Trailers, motor-truck.
3941 Trains and equipment, toy (electric and mechanical).
2639 Transfer paper: Gold, silver.
2761 Transferring designs (lithographing).
2761 Transfers: Decalcomania, dry.
3619 Transformers, electric (including toy transformers).
3661 Transformers, radio.
3619 Transmission accessories, electrical (except insulated wire and conduit).
3831 Transmission housing and parts, automobile.
3661 Transmitting apparatus, radio.
3359 Traps, animal: Iron, steel (except wire).
3349 Traps, animal (wire)—made from purchased wire.
3949 Traps (shooting equipment).
3366 Traps (steam fittings).
3161 Traveling bags (regardless of material).
3972 Trays: Jewelry, instrument, etc.
3032 Trays, rubber.
3229 Trays, serving (glass).
2552 Trays, wicker.
3349 Trays, wire.
2599 Trays, wooden.
2594 Treating of wood products against decay, fire, and insects.
3943 Tricycles.
3383 Trim, metal and metal-covered.
3559 Trimmers, wall-paper.
2291 Trimming felts (not woven).
23V2 Trimmings and braids, millinery.
23V2 Trimmings, automobile and furniture.
2212 Trimmings (cotton fabrics).
23V2 Trimmings, dress and coat (made from purchased fabric).
3995 Trimmings (except gold and silver), umbrella and parasol.
23V2 Trimmings, fabric (made from purchased fabric).
3974 Trimmings, feather.
3451 Trimmings for canes, umbrellas, etc. (made of precious metal).
2371 Trimmings, fur.
23X3 Trimmings, hat (men's).
2222 Trimmings (rayon or silk fabrics).
3131 Trimmings, shoe (leather).
3359 Trimmings, trunk (metal).
2884 Trinitrotoluene (or trinitrotoluol).
3912 Tripods, camera.
3712 Trolley busses.
3712 Trolley cars, trackless.
3611 Trolley-line material, overhead.
3939 Trombones.
3454 Trophies (loving cups): Silver, gold, or plated.
3499 Trophies, metal (except precious metal).
2231 Trouserings, woolen.
2323 Trousers and knickers, dress (single)—men's, youths', and boys'.
3822 Truck bodies.
3822 Truck cabs.
3563 Trucks (hand) for freight, baggage, etc.
3799 Trucks, horse-drawn.
3563 Trucks, industrial.
3811 Trucks, motor.
3939 Trumpets.
3359 Trunk and suitcase hardware, including locks.
2554 Trunk slats, wooden.
3161 Trunks, luggage (regardless of material).
3916 Trusses: Orthopedic, surgical.
2664 Tubes and cores, fiber.
2664 Tubes: Fiber, paper (firework, mailing, packaging, socket, and textile).
2664 Tubes, impregnated (for chemical and electrical purposes).
3312 Tubes (made in rolling mills).
2664 Tubes, mailing: Paper, paperboard.
3393 Tubes, wrought-welded—not made in plants connected with rolling mills.
3441 Tubing and pipe, aluminum.
3229 Tubing, glass.
2243 Tubing (knit cloth).
3442 Tubing, magnesium.
3569 Tubing (metal), flexible.
3031 Tubing, rubber.
3361 Tubs, bath (enameled iron).
3361 Tubs, laundry (enameled iron).
2555 Tubs, wooden.
3583 Tuckers, sewing-machine.
22V1 Tucking (for the trade).
2829 Tung cake or meal.
2829 Tung oil.
3561 Turbine pumps.
3511 Turbines, steam and water.
2015 Turkeys, dressed and packed.
3391 Turnbuckles—not made in plants connected with rolling mills.
3565 Turnstiles (with counter).
2862 Turpentine and rosin (product of softwood distillation).
2863 Turpentine (product of distillation of pine gum).
33X1 Turret parts, gun (cast, forged, and machined).
33X1 Turrets, gun.
2211 Twills, cotton.
2221 Twills, rayon or silk.
2298 Twine, binder.
2298 Twine (except cotton).
2223 Twisted yarn, silk.
2232 Twisted yarn, woolen or worsted.
2223 Twisted filament yarn, rayon.
3555 Type cases.
3555 Type founding.
3555 Type: Lead, steel, brass, copper-faced, etc.
3555 Type, metal.
3051 Type, rubber.
3555 Type-casting machines.
3555 Typefounding machines.
3555 Type-melting machines.
2791 Typesetting (by machine or hand), for the trade.
3555 Typesetting machines: Intertypes, linotypes, monotypes.
3572 Typewriter attachments, automatic.
3572 Typewriters and parts.
3555 Typographic numbering machines.

U

3939 Ukuleles.
2812 Ultramarine.
2812 Umber.
2253 Umbrella fabrics—made on a contract basis.
2253 Umbrella fabrics—not made on a contract basis.
3995 Umbrellas.
2231 Undercollar fabrics, woolen.
2571 Undertakers' goods and supplies: Ambulance baskets, burial garments, casket linings and draperies, embalming fluids, embalming tables, etc.
2221 Underwear fabrics, rayon or silk.
2252 Underwear fabrics, silk and rayon (finished—except on contract).
2253 Underwear fabrics, silk and rayon—finished on a contract basis.
2245 Underwear, knit.
2341 Underwear, made from purchased woven cotton and flannelette fabrics (women's, misses', children's, and infants').
2322 Underwear, made from purchased woven or knit fabric (men's, youths', and boys').

2341 Underwear, made from purchased woven or knit fabric (women's misses', children's, and infants').
2341 Underwear, made from purchased woven silk, rayon, and wool fabrics (women's, misses', children's, and infants').
23X2 Uniform hats and caps (cloth).
2311 Uniforms (military, policemen's, firemen's, etc.).
2334 Uniforms, nurses' and maids.'
2245 Union suits, knit.
33X3 Universal carriers (military).
3831 Universal joints, automobile.
3566 Universal joints, except automobile.
3312 Unrolled steel (made in rolling mills).
2512 Upholstered furniture.
2211 Upholstery fabrics, cotton.
2221 Upholstery fabrics, rayon or silk.
2252 Upholstery fabrics, silk and rayon (finished—except on contract).
2253 Upholstery fabrics, silk and rayon—finished on a contract basis.
2231 Upholstery fabrics, woolen.
2293 Upholstery filling: Curled hair, cotton, moss, tow, kapok, and related materials (except excelsior).
3113 Upholstery leather.
3112 Upper leather (alligator, calf and kip, cattle patent, cattleside upper, goat and kid, kangaroo, reptile, sheep, etc.).
3131 Uppers (shoe cut stock).
3542 Upsetters (forging machines).
2883 Urea-formaldehyde plastic.
3298 Urns (other than stone or concrete).
3373 Utensils, household and hospital (stamped).

V

2831 Vaccines.
3359 Vacuum bottles and containers.
3621 Vacuum cleaners and sweepers, electric.
2741 Valentines.
3161 Valises (regardless of material).
3569 Valve cores.
3619 Valves, electric.
3361 Valves, plumbers'.
3366 Valves, radiator.
3366 Valves, reducing (steam fittings).
3031 Valves, rubber.
3131 Vamps, leather.
3569 Vanes, weather.
3972 Vanity cases (except leather and precious metal).
3199 Vanity cases, leather.
3451 Vanity cases (made of precious metal).
2511 Vanity dressers.
3651 Vapor lamps.
2893 Varnish removers.
2811 Varnish stains.
2811 Varnishes.
2254 Varnishing cambric and buckram (for the trade).
3289 Vases and urns, limestone.
3229 Vases, glass.
3298 Vases (other than stone, concrete, or glass).
2555 Vats, coopered (made of staves), wooden.
2431 Vats, wooden (except coopered vats).
3398 Vaults (except grave vaults).
3271 Vaults, grave (concrete).
2571 Vaults, grave (metal).
2011 Veal (produced in meat-packing establishments).
2092 Vegetable cooking oils.
3522 Vegetable grading, cleaning, and sorting machines.
2033 Vegetable juices.
2092 Vegetable salad oils.
2033 Vegetables: Canned, dehydrated, dried.
2035 Vegetables, pickled.
2037 Vegetables, quick-frozen.
3359 Vehicle hardware, including lock units.
3943 Vehicles, children's.
3799 Vehicles, horse-drawn.
3811 Vehicles, motor.
3943 Velocipedes.
2211 Velveteens.
2211 Velvets, cotton.
2253 Velvets, finished on a contract basis.
2221 Velvets, rayon or silk (in the gray).
2252 Velvets, silk and rayon (finished—except on contract).
3573 Vending machines, coin-operated.
2422 Veneer.
2422 Veneer mills.
2421 Veneer stock (flitches) made in sawmills.
2599 Veneer work, inlaid.
3553 Veneer-mill machines.
2563 Venetian blinds.
3553 Venetian-blind machines.
3564 Ventilating machines and equipment.
3495 Ventilators, sheet metal.
2098 Vermicelli.
2812 Vermilion.
2084 Vermouth.
3543 Verniers (precision measuring tools).
2389 Vestments.
3915 Veterinarians' instruments.
3991 Vibrators and facial-massage machines, power-driven.
2096 Vinegar.
3974 Vines, artificial (except glass).
2883 Vinyl resins.
3939 Violins.
2831 Viruses.
3911 Viscosimeters.
3392 Vises, bench—not made in plants connected with rolling mills.
3543 Vises, machine.
23X3 Visors, cap.
2831 Vitamin products.
3251 Vitrified brick (for paving and other purposes).
2211 Voiles.
2883 Vulcanied oils.
2664 Vulcanized-fiber boxes, cans, pails, cases, etc.

W

2293 Wadding, cotton.
2892 Wads (ammunition).
3621 Waffle irons, electric.
3943 Wagons, children's (coaster, express, and play).
3799 Wagons, horse-drawn.
3033 Wainscoting, rubber.
2431 Wainscots, wooden.
2335 Waists, women's and misses'.
3943 Walkers, baby.
3271 Wall base (precast terrazzo).
2522 Wall cases, metal.
3259 Wall coping, clay.
2811 Wall paints.
3981 Wall paneling, plastic.
3273 Wall plaster (except gypsum).
3373 Wall tile, metal.
3272 Wallboard, gypsum.
2627 Wallboard—made in paper mills.
3172 Wallets, leather.
2693 Wallpaper.
2629 Wallpaper stock (hanging paper).
2393 Wardrobe bags.
2511 Wardrobes.
2552 Ware, rattan and willow.
2599 Ware, wooden.
3362 Warm-air furnaces (except electric).
3552 Warp and knot-tying machines.
2211 Warp sateens.
3552 Warping machines (textile).
2253 Wash goods (fabrics)—made on a contract basis.
2251 Wash goods (fabrics)—not made on a contract basis.
2329 Wash suits (men's, youths', and boys').
2329 Washable service apparel (hospital, professional, barber, etc.).
2599 Washboards, wooden and part wooden.
2249 Washcloths, knit.
2393 Washcloths, made from purchased fabric.

2211 Washcloths (made in cotton mills).
3199 Washers, leather.
3312 Washers (made in rolling mills).
3551 Washers, milk bottle.
3391 Washers—not made in plants connected with rolling mills.
3912 Washers, photograph.
3031 Washers, rubber.
2841 Washing compounds (containing soap).
3581 Washing machines, domestic.
2841 Washing powder (containing soap).
2893 Washing powders and compounds, containing no soap.
3371 Washing-machine parts, vitreous-enameled.
2294 Waste, processed textile-mill.
2664 Wastebaskets, fiber (metal end or all fiber).
3239 Watch crystals, glass.
3981 Watch crystals, unbreakable.
3461 Watch movements.
3461 Watch parts (except crystals).
3199 Watch straps, leather.
3462 Watchcases.
3461 Watches.
3461 Watches (assembling only).
3051 Water bottles, rubber.
3954 Water colors.
3584 Water coolers, electric.
3621 Water heaters, electric.
3362 Water heaters (except electric).
3569 Water leak detectors.
3532 Water well drilling machinery.
3511 Water wheels.
2253 Waterproof fabrics, cotton—made on a contract basis.
2251 Waterproof fabrics, cotton—not made on a contract basis.
2386 Waterproof outer garments (except oiled-fabric).
2329 Waterproof outer garments, oiled (men's and boys').
2639 Waterproof wrapping paper.
2932 Waterproofed roofing fabrics.
2834 Waterproofing compounds.
2254 Waterproofing fabrics (for the trade).
2834 Water-treating compounds (other than boiler compounds).
2881 Wattle extract.
3954 Wax, artists'.
2834 Wax core.
3917 Wax, dental.
2893 Wax, floor.
2899 Wax, sealing.
2632 Waxed paper.
2893 Waxes for wood, fabricated leather, and other materials.
2254 Waxing cloth (for the trade).
2561 Weather strip.
2213 Weaving yarn (cotton).
2552 Webbing, cane and rattan.
2212 Webbing (cotton narrow fabrics).
2212 Webbing, elastic.
2297 Webbing (except cotton fabrics and elastic).
3522 Weeding machines, attachments, and parts.
3574 Weighing machines and apparatus, automatic and computing, etc.
3542 Welding apparatus, acetylene.
3619 Welding apparatus, electric.
3349 Welding wire (made from purchased wire).
3312 Well casing (made in rolling mills).
3393 Well casing—not made in plants connected with rolling mills.
3271 Well curbing, concrete.
3132 Welting, leather.
2399 Welts.
2825 Whale oil.
2041 Wheat flour.
3799 Wheelbarrows.
3917 Wheels, abrasive (dental).
3831 Wheels, automobile.
3312 Wheels, car and locomotive (made in rolling mills).
3392 Wheels, forged (car and locomotive)—not made in plants connected with rolling mills: Steel.
2411 Wheelstock (hewn).
3291 Whetstones, artificial or made from natural stone.
2021 Whey butter.
2023 Whey: Concentrated, condensed, dried, evaporated, powdered.
3191 Whip handles and lashes.
3191 Whips.
3191 Whipstocks.
3921 Whisk brooms.
2085 Whiskey: Bourbon, rye.
2812 White lead.
3439 White-metal.
3263 Whiteware.
2812 Whiting.
2513 Wicker furniture.
2212 Wicking (cotton narrow fabrics).
3994 Wigs.
3941 Wigwams, children's play.
2552 Willow wares (except furniture).
3531 Winches.
33X4 Wind correctors (sighting and fire-control equipment).
3939 Wind musical instruments (except organs).
2329 Windbreakers and lumberjackets (men's, youths', and boys').
3552 Winders (textile machinery).
3522 Windmill towers.
3522 Windmills.
2541 Window backs, store and lunchroom.
3993 Window cut-outs and displays.
3383 Window frames and sash, ferrous and nonferrous metal and metal covered.
2431 Window frames, wooden.
3211 Window glass (except plate).
2431 Window sash, wooden.
2561 Window screens.
2562 Window shades.
3271 Windows (precast terrazzo).
3831 Windshield frames, automobile.
3831 Windshield wipers, automobile.
3831 Windshields, automobile.
2084 Wine.
3831 Winterfronts, automobile.
2211 Wiping cloths (made in cotton mills).
2294 Wiping rags.
3441 Wire, aluminum.
3631 Wire and cable, insulated or armored.
3349 Wire, barbed.
3341 Wire, barbed (made in wire mills).
3349 Wire cloth and netting (made from purchased wire).
3341 Wire cloth (made in wire mills).
3349 Wire, concrete reinforcing (made from purchased wire).
3349 Wire fencing.
3341 Wire, ferrous and nonferrous (drawn from purchased rods).
3542 Wire forming and fabricating machines.
3211 Wire glass: Polished, rough.
3349 Wire lath (made from purchased wire).
3312 Wire (made in rolling mills).
3442 Wire, magnesium.
3341 Wire products, fabricated (made in wire mills).
3312 Wire products (made in rolling mills).
3312 Wire rods (made in rolling mills).
3542 Wire-drawing machines.
3699 Wires, lead-in for electric bulbs.
3611 Wiring devices and supplies.
2824 Witch-hazel extract.
2231 Women's-wear coatings (wool).
2231 Women's-wear suitings and dress fabrics.
2861 Wood alcohol (methanol).
2599 Wood, bent.
2599 Wood carvings.
2862 Wood creosote (product of softwood distillation).
2594 Wood, creosoting of.
2861 Wood distillation (hardwood).

2862 Wood distillation (softwood).
3132 Wood heel blocks, for sale as such.
2599 Wood inlays.
2594 Wood, preserving of.
2594 Wood products, treating of—against decay, fire, and insects.
2611 Wood pulp.
3395 Wood screws (ferrous and nonferrous).
2431 Wood trim.
2599 Wood, turned and carved.
3553 Wood-bending and molding machines.
2792 Woodcuts for use in printing illustrations, posters, etc.
2599 Woodenware.
2599 Wood-flour.
3553 Wood-turning, chucking, boring, milling, and jointing machines.
2431 Woodwork, interior (window, door, sash)—planing-mill products.
2431 Woodwork, ornamental (cornices, mantels, etc.).
3553 Woodworking machines.
3552 Wool and worsted finishing machines.
2233 Wool, carbonized.
2234 Wool combing.
3999 Wool pulling.
2233 Wool scouring.
2294 Wool shoddy.
2231 Woolen and worsted woven goods.
2329 Work pants.
2324 Work shirts (men's, youths', and boys').
2251 Work-clothing fabrics—made in cotton-finishing plants (except on a contract basis).
2253 Work-clothing fabrics (made in cotton-finishing plants on a contract basis).
2231 Woven felts, papermaker's and other felts (woolen).
2261 Woven-wool carpets.
2261 Woven-wool rugs.
2591 Wrappers, excelsior.
2761 Wrappers, lithographed.
2699 Wrappers, paper (unprinted).
2751 Wrappers, printed.
3569 Wrapping machines, foil.
2624 Wrapping paper.
3352 Wrenches.
3581 Wringers, domestic.
2244 Wristlets, knit.
2899 Writing ink and fluids.
2623 Writing paper.
3312 Wrought pipe and tubing (made in rolling mills).
3393 Wrought-welded pipe, conduits, and tubes—not made in plants connected with rolling mills.

X

2889 Xanthates.
3692 X-ray apparatus.
3912 X-ray film developing tanks.
3912 X-ray films.
3912 X-ray intensifying screens.
3692 X-ray tubes.
3939 Xylophones.

Y

3731 Yacht building and repairing.
2297 Yarn and roves, jute.
3292 Yarn, asbestos.
2261 Yarn, carpet (woolen and worsted).
2213 Yarn, cotton and cotton mixtures: Weaving, carpet, machine-knitting, sewing-thread, crochet, darning, embroidery, and hand-knitting.
2251 Yarn (cotton and linen), bleached—except on contract.
2251 Yarn (cotton and linen), dyed—except on contract.
2213 Yarn, cotton: Carded, combed.
2253 Yarn (except woolen), bleaching on a contract basis.
2253 Yarn (except woolen), dyeing and finishing on a contract basis.
2232 Yarn, knitting (woolen and worsted).
2297 Yarn, linen.
2213 Yarn, mercerized—made in cotton mills.
2253 Yarn, mercerized (made in finishing plants on a contract basis).
2213 Yarn, mixed fiber—chiefly cotton.
2223 Yarn, nylon: Throwing, twisting, and spinning.
2223 Yarn, rayon.
2223 Yarn, silk.
2252 Yarn (silk and rayon), bleached—except on contract.
2252 Yarn (silk and rayon), dyed—except on contract.
2223 Yarn, spun (silk).
2223 Yarn, spun staple (rayon).
2223 Yarn, thrown (silk).
2223 Yarn, thrown-filament (rayon).
2223 Yarn, twisted (silk).
2232 Yarn, twisted (woolen or worsted).
2223 Yarn, twisted-filament (rayon).
2232 Yarn, weaving (woolen and worsted).
2232 Yarn, woolen and worsted.
2222 Yarns, rubber—rayon-covered or silk-covered.
2091 Yeast.
33X9 Y-guns.

Z

3413 Zinc ingots and bars, from the ore.
3429 Zinc ingots and bars, not from the ore.
2812 Zinc oxide (Chinese white, zinc white).
2811 Zinc oxide in oil.
3439 Zinc plates and sheets.
3413 Zinc smelting and refining (primary).
3429 Zinc smelting and refining (secondary).
2812 Zinc sulphide.
3999 Zippers (slide fasteners).
3939 Zithers.
2025 Zoolak.
2052 Zwieback and rusk (machine made).

O

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